

# Chuangxia Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

114  
papers

3,694  
citations

109264

35  
h-index

149623

56  
g-index

114  
all docs

114  
docs citations

114  
times ranked

1322  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Jump volatility spillover network based measurement of systemic importance of Chinese financial institutions. <i>International Journal of Finance and Economics</i> , 2023, 28, 1201-1213.                   | 1.9 | 18        |
| 2  | Can financial crisis be detected? Laplacian energy measure. <i>European Journal of Finance</i> , 2023, 29, 949-976.  | 1.7 | 7         |
| 3  | Identification of crisis in the Chinese stock market based on complex network. <i>Applied Economics Letters</i> , 2023, 30, 2536-2542.   | 1.0 | 3         |
| 4  | Measurement of Individual Investor Sentiment and Its Application: Evidence from Chinese Stock Message Board. <i>Emerging Markets Finance and Trade</i> , 2022, 58, 681-691.                                  | 1.7 | 10        |
| 5  | Dynamic network topology and market performance: A case of the Chinese stock market. <i>International Journal of Finance and Economics</i> , 2022, 27, 1962-1978.  | 1.9 | 21        |
| 6  | Global population dynamics of a single species structured with distinctive time-varying maturation and self-limitation delays. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2022, 27, 2427. | 0.5 | 13        |
| 7  | Systemically important financial institutions in China: from view of tail risk spillover network. <i>Applied Economics Letters</i> , 2022, 29, 1833-1839.  | 1.0 | 4         |
| 8  | Evaluating influential nodes for the Chinese energy stocks based on jump volatility spillover network. <i>International Review of Economics and Finance</i> , 2022, 78, 81-94.                               | 2.2 | 9         |
| 9  | Almost Anti-periodic Solution of Inertial Neural Networks with Leakage and Time-Varying Delays on Timescales. <i>Circuits, Systems, and Signal Processing</i> , 2022, 41, 1940-1956.                         | 1.2 | 20        |
| 10 | New Results on Finite-Time Synchronization of Delayed Fuzzy Neural Networks with Inertial Effects. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 676-685.  | 2.3 | 7         |
| 11 | Positive stability analysis of pseudo almost periodic solutions for HDCNNs accompanying $D$ operator. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2022, 15, 1651.                          | 0.6 | 2         |
| 12 | Finite-/fixed-time anti-synchronization of neural networks with leakage delays under discontinuous disturbances. <i>Chaos, Solitons and Fractals</i> , 2022, 155, 111639.                                    | 2.5 | 13        |
| 13 | Stability Analysis of High-order Proportional Delayed Cellular Neural Networks with $D$ Operators. <i>International Journal of Control, Automation and Systems</i> , 2022, 20, 660-668.                      | 1.6 | 4         |
| 14 | Bistable dynamics on a tick population equation incorporating Allee effect and two different time-varying delays. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2022, .                      | 0.6 | 0         |
| 15 | $\mathcal{O}(\tau^{-\eta})$ -Synchronization and Asymptotic Synchronization of Delayed Fractional Order Neural Networks. <i>Acta Mathematica Scientia</i> , 2022, 42, 1273-1292.                             | 0.5 | 2         |
| 16 | A trilinear estimate with application to the perturbed nonlinear Schrödinger equations with the Kerr law nonlinearity. <i>Journal of Evolution Equations</i> , 2021, 21, 1477-1494.                          | 0.6 | 6         |
| 17 | Synchronization in finite-/fixed-time of delayed diffusive complex-valued neural networks with discontinuous activations. <i>Chaos, Solitons and Fractals</i> , 2021, 142, 110386.                           | 2.5 | 29        |
| 18 | Stability of discrete-time fractional-order time-delayed neural networks in complex field. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 419-440.  | 1.2 | 32        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Global behavior of a reaction-diffusion model with time delay and Dirichlet condition. Journal of Differential Equations, 2021, 271, 186-215.   | 1.1 | 34        |
| 20 | Spatial dynamics of a diffusive SIRI model with distinct dispersal rates and heterogeneous environment. Communications on Pure and Applied Analysis, 2021, .  | 0.4 | 1         |
| 21 | Finite-time cluster synchronization of coupled dynamical systems with impulsive effects. Discrete and Continuous Dynamical Systems - Series B, 2021, 26, 3595.  | 0.5 | 7         |
| 22 | Fixed-time control of competitive complex networks. Neural Computing and Applications, 2021, 33, 7943-7951.   | 3.2 | 5         |
| 23 | Nonnegative periodicity on high-order proportional delayed cellular neural networks involving $D$ operator. AIMS Mathematics, 2021, 6, 2228-2243.   | 0.7 | 5         |
| 24 | Synchronizations of fuzzy cellular neural networks with proportional time-delay. AIMS Mathematics, 2021, 6, 10620-10641.  | 0.7 | 7         |
| 25 | Weighted pseudo almost periodicity of multi-proportional delayed shunting inhibitory cellular neural networks with $D$ operator. Discrete and Continuous Dynamical Systems - Series S, 2021, 14, 1259-1272.           | 0.6 | 26        |
| 26 | Input-to-state stability of hybrid stochastic systems with unbounded delays and impulsive effects. Nonlinear Dynamics, 2021, 104, 3753.   | 2.7 | 3         |
| 27 | A network perspective of comovement and structural change: Evidence from the Chinese stock market. International Review of Financial Analysis, 2021, 76, 101782.  | 3.1 | 34        |
| 28 | Delay-dependent attractivity on a tick population dynamics model incorporating two distinctive time-varying delays. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, . | 1.0 | 3         |
| 29 | New results on dynamics of neutral type HCNNs with proportional delays. Mathematics and Computers in Simulation, 2021, 187, 51-59.  | 2.4 | 15        |
| 30 | Dynamics of a Diffusive Avian Influenza Model with Spatial Heterogeneity and General Incidence Rate. Qualitative Theory of Dynamical Systems, 2021, 20, 1.  | 0.8 | 1         |
| 31 | Stability on positive pseudo almost periodic solutions of HPDCNNs incorporating $D$ operator. Mathematics and Computers in Simulation, 2021, 190, 1150-1163.  | 2.4 | 28        |
| 32 | Delay-coupled fractional order complex Cohen-Grossberg neural networks under parameter uncertainty: Synchronization stability criteria. AIMS Mathematics, 2021, 6, 2844-2873.   | 0.7 | 6         |
| 33 | Convergence on Population Dynamics and High-Dimensional Haddock Conjecture. Symmetry, 2021, 13, 2252.   | 1.1 | 2         |
| 34 | Asymptotically stable high-order neutral cellular neural networks with proportional delays and $D$ operators. Mathematics and Computers in Simulation, 2020, 171, 127-135.  | 2.4 | 71        |
| 35 | Stability of Almost Periodic Nicholson's Blowflies Model Involving Patch Structure and Mortality Terms. Canadian Mathematical Bulletin, 2020, 63, 405-422.  | 0.3 | 64        |
| 36 | Exponential stability of inertial neural networks involving proportional delays and non-reduced order method. Journal of Experimental and Theoretical Artificial Intelligence, 2020, 32, 133-146.                     | 1.8 | 28        |

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|----|--|-----|-----------|
| 37 | Systemic importance of financial institutions: A complex network perspective. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 545, 123448.  | 1.2 | 14        |
| 38 | Stability analysis of Nicholson's blowflies equation with two different delays. <i>Mathematics and Computers in Simulation</i> , 2020, 171, 201-206.   | 2.4 | 54        |
| 39 | Multiple periodic orbits from Hopf bifurcation in a hierarchical neural network with $D_n$ -symmetry and delays. <i>Neurocomputing</i> , 2020, 417, 516-527.   | 3.5 | 2         |
| 40 | Global exponential stability of delayed inertial competitive neural networks. <i>Advances in Difference Equations</i> , 2020, 2020, .  | 3.5 | 15        |
| 41 | Global well-posedness and infinite propagation speed for the N-abc family of Camassa-Holm type equation with both dissipation and dispersion. <i>Journal of Mathematical Physics</i> , 2020, 61, 071502. | 0.5 | 4         |
| 42 | Global convergence dynamics of almost periodic delay Nicholson's blowflies systems. <i>Journal of Biological Dynamics</i> , 2020, 14, 633-655.   | 0.8 | 6         |
| 43 | Dynamics analysis on a class of delayed neural networks involving inertial terms. <i>Advances in Difference Equations</i> , 2020, 2020, .  | 3.5 | 35        |
| 44 | Fixed-time synchronization of quaternion-valued neural networks with time-varying delay. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, .       | 1.0 | 15        |
| 45 | Finite-time synchronization criterion of graph theory perspective fractional-order coupled discontinuous neural networks. <i>Advances in Difference Equations</i> , 2020, 2020, .                        | 3.5 | 27        |
| 46 | Lagrange exponential stability of quaternion-valued memristive neural networks with time delays. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 7269-7291.                              | 1.2 | 32        |
| 47 | Fixed time synchronization of delayed quaternion-valued memristor-based neural networks. <i>Advances in Difference Equations</i> , 2020, 2020, .   | 3.5 | 28        |
| 48 | Stability of antiperiodic recurrent neural networks with multiproportional delays. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 6093-6102.  | 1.2 | 77        |
| 49 | Systemic Importance of China's Financial Institutions: A Jump Volatility Spillover Network Review. <i>Entropy</i> , 2020, 22, 588.   | 1.1 | 11        |
| 50 | Finite-time stochastic synchronization of dynamic networks with nonlinear coupling strength via quantized intermittent control. <i>Applied Mathematics and Computation</i> , 2020, 376, 125157.          | 1.4 | 61        |
| 51 | Zagreb Connection Indices of Molecular Graphs Based on Operations. <i>Complexity</i> , 2020, 2020, 1-15.   | 0.9 | 29        |
| 52 | Analysis of Global Remittance Based on Complex Networks. <i>Frontiers in Physics</i> , 2020, 8, .  | 1.0 | 8         |
| 53 | Mittag-Leffler stability and adaptive impulsive synchronization of fractional order neural networks in quaternion field. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 6223-6253.      | 1.2 | 68        |
| 54 | Global dynamics of neoclassical growth model with multiple pairs of variable delays. <i>Nonlinearity</i> , 2020, 33, 6819-6834.  | 0.6 | 36        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | GLOBAL DYNAMICS OF A FILIPPOV PLANT DISEASE MODEL WITH AN ECONOMIC THRESHOLD OF INFECTED-SUSCEPTIBLE RATIO. <i>Journal of Applied Analysis and Computation</i> , 2020, 10, 2263-2277.                                 | 0.2 | 9         |
| 56 | A new blow-up criterion for the $N$ -family of Camassa-Holm type equation with both dissipation and dispersion. <i>Open Mathematics</i> , 2020, 18, 194-203.  | 0.5 | 5         |
| 57 | On the construction, properties and Hausdorff dimension of random Cantor one $\supseteq$ set. <i>AIMS Mathematics</i> , 2020, 5, 3138-3155.   | 0.7 | 9         |
| 58 | Asymptotic behavior for a class of population dynamics. <i>AIMS Mathematics</i> , 2020, 5, 3378-3390.   | 0.7 | 33        |
| 59 | Global Convergence on Asymptotically Almost Periodic SICNNs with Nonlinear Decay Functions. <i>Neural Processing Letters</i> , 2019, 49, 625-641.   | 2.0 | 57        |
| 60 | Hybrid Control Scheme for Projective Lag Synchronization of Riemannâ€Liouville Sense Fractional Order Memristive BAM Neural Networks with Mixed Delays. <i>Mathematics</i> , 2019, 7, 759.                            | 1.1 | 114       |
| 61 | Stability and Hopf Bifurcation of a Delayed Preyâ€Predator Model with Disease in the Predator. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019, 29, 1950091.         | 0.7 | 115       |
| 62 | Robust Synchronization of Fractional-Order Uncertain Chaotic Systems Based on Output Feedback Sliding Mode Control. <i>Mathematics</i> , 2019, 7, 599.  | 1.1 | 64        |
| 63 | New Results on Periodicity of Non-autonomous Inertial Neural Networks Involving Non-reduced Order Method. <i>Neural Processing Letters</i> , 2019, 50, 595-606.   | 2.0 | 36        |
| 64 | Existence, Uniqueness and Exponential Stability of Periodic Solution for Discrete-Time Delayed BAM Neural Networks Based on Coincidence Degree Theory and Graph Theoretic Method. <i>Mathematics</i> , 2019, 7, 1055. | 1.1 | 40        |
| 65 | Multi Fractals of Generalized Multivalued Iterated Function Systems in b-Metric Spaces with Applications. <i>Mathematics</i> , 2019, 7, 967.  | 1.1 | 13        |
| 66 | Dynamic Properties of Foreign Exchange Complex Network. <i>Mathematics</i> , 2019, 7, 832.  | 1.1 | 55        |
| 67 | Dynamics of anti-periodic solutions on shunting inhibitory cellular neural networks with multi-proportional delays. <i>Neurocomputing</i> , 2019, 357, 47-52.   | 3.5 | 53        |
| 68 | Discontinuity-induced limit cycles in a general planar piecewise linear system of saddleâ€focus type. <i>Nonlinear Analysis: Hybrid Systems</i> , 2019, 33, 162-178.  | 2.1 | 121       |
| 69 | The Heterogeneous Effects of FDI and Foreign Trade on CO2 Emissions: Evidence from China. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-14.   | 0.6 | 41        |
| 70 | Periodicity of non-autonomous inertial neural networks involving proportional delays and non-reduced order method. <i>International Journal of Biomathematics</i> , 2019, 12, 1950016.                                | 1.5 | 85        |
| 71 | New studies on dynamic analysis of inertial neural networks involving non-reduced order method. <i>Neurocomputing</i> , 2019, 325, 283-287.   | 3.5 | 116       |
| 72 | A perspective on graph theory-based stability analysis of impulsive stochastic recurrent neural networks with time-varying delays. <i>Advances in Difference Equations</i> , 2019, 2019, .                            | 3.5 | 26        |

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|----|---|-----|-----------|
| 73 | Almost periodicity analysis for a delayed Nicholson's blowflies model with nonlinear density-dependent mortality term. <i>Communications on Pure and Applied Analysis</i> , 2019, 18, 3337-3349.  | 0.4 | 135       |
| 74 | Global dynamics of an SIRS model with demographics and transfer from infectious to susceptible on heterogeneous networks. <i>Mathematical Biosciences and Engineering</i> , 2019, 16, 5729-5749.  | 1.0 | 65        |
| 75 | Global exponential convergence in a delayed almost periodic Nicholson's blowflies model with discontinuous harvesting. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 1954-1965. | 1.2 | 90        |
| 76 | Interaction between oil and US dollar exchange rate: nonlinear causality, time-varying influence and structural breaks in volatility. <i>Applied Economics</i> , 2018, 50, 319-334.               | 1.2 | 148       |
| 77 | Dynamics of a class of delayed reaction-diffusion systems with Neumann boundary condition. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 458, 1115-1130.                       | 0.5 | 86        |
| 78 | Effect of impulsive controls in a model system for age-structured population over a patchy environment. <i>Journal of Mathematical Biology</i> , 2018, 76, 1387-1419.                             | 0.8 | 17        |
| 79 | Dynamical behaviors of a food-chain model with stage structure and time delays. <i>Advances in Difference Equations</i> , 2018, 2018, .   | 3.5 | 70        |
| 80 | Boundedness of multilinear singular integral operator with non-smooth kernels and mean oscillation. <i>Quaestiones Mathematicae</i> , 2017, 40, 295-312.  | 0.2 | 30        |
| 81 | Existence and global attractivity of almost periodic solutions for a delayed differential neoclassical growth model. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 814-822.     | 1.2 | 60        |
| 82 | Nonlinear Problems: Mathematical Modeling, Analyzing, and Computing for Finance 2016. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-2.  | 0.6 | 0         |
| 83 | Attractor and Boundedness of Switched Stochastic Cohen-Grossberg Neural Networks. <i>Discrete Dynamics in Nature and Society</i> , 2016, 2016, 1-19.  | 0.5 | 11        |
| 84 | Stability analysis of switched cellular neural networks: A mode-dependent average dwell time approach. <i>Neural Networks</i> , 2016, 82, 84-99.  | 3.3 | 61        |
| 85 | Stability Analysis of SIR Model with Distributed Delay on Complex Networks. <i>PLoS ONE</i> , 2016, 11, e0158813.   | 1.1 | 74        |
| 86 | Hopf bifurcation and spatio-temporal patterns in a hierarchical network with delays and Z2-symmetry. <i>Neurocomputing</i> , 2015, 168, 475-487.  | 3.5 | 1         |
| 87 | Ruin Probabilities in the Mixed Claim Frequency Risk Models. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-7.   | 0.6 | 0         |
| 88 | On the basins of attraction for a class of delay differential equations with non-monotone bistable nonlinearities. <i>Journal of Differential Equations</i> , 2014, 256, 2101-2114.               | 1.1 | 196       |
| 89 | Weighted boundedness for Toeplitz type operators related to Riesz transforms of the Schrödinger operator. <i>Georgian Mathematical Journal</i> , 2013, 20, .                                      | 0.2 | 0         |
| 90 | Attractors for the semilinear reaction-diffusion equation with distribution derivatives. <i>Journal of Mathematical Physics</i> , 2013, 54, 092701.   | 0.5 | 3         |

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|-----|--|-----|-----------|
| 91  | An LMI Approach for Dynamics of Switched Cellular Neural Networks with Mixed Delays. Abstract and Applied Analysis, 2013, 2013, 1-8.   | 0.3 | 16        |
| 92  | Stochastic Synchronization of Reaction-Diffusion Neural Networks under General Impulsive Controller with Mixed Delays. Abstract and Applied Analysis, 2012, 2012, 1-25.                    | 0.3 | 15        |
| 93  | Sharp function inequalities and boundness for Toeplitz type operator related to general fractional singular integral operator. Publications De L'Institut Mathematique, 2012, 92, 165-176. | 0.3 | 20        |
| 94  | An LMI approach for exponential synchronization of switched stochastic competitive neural networks with mixed delays. Neural Computing and Applications, 2012, 21, 2033-2047.              | 3.2 | 38        |
| 95  | Dynamics of Delayed Cohen-Grossberg Neural Networks. AASRI Procedia, 2012, 3, 254-261.   | 0.6 | 1         |
| 96  | Lag stochastic synchronization of chaotic mixed time-delayed neural networks with uncertain parameters or perturbations. Neurocomputing, 2011, 74, 1617-1625.                              | 3.5 | 33        |
| 97  | Synchronization of switched neural networks with mixed delays via impulsive control. Chaos, Solitons and Fractals, 2011, 44, 817-826.  | 2.5 | 68        |
| 98  | Exponential stability for stochastic jumping BAM neural networks with time-varying and distributed delays. Nonlinear Analysis: Hybrid Systems, 2011, 5, 52-77.                             | 2.1 | 84        |
| 99  | Generalized lag-synchronization of chaotic mix-delayed systems with uncertain parameters and unknown perturbations. Nonlinear Analysis: Real World Applications, 2011, 12, 93-105.         | 0.9 | 49        |
| 100 | Convergence Dynamics of Stochastic Cohen-Grossberg Neural Networks With Unbounded Distributed Delays. IEEE Transactions on Neural Networks, 2011, 22, 561-572.                             | 4.8 | 38        |
| 101 | Stochastic Dynamics of Nonautonomous Cohen-Grossberg Neural Networks. Abstract and Applied Analysis, 2011, 2011, 1-17.   | 0.3 | 14        |
| 102 | Existence and Global Exponential Stability of Almost Periodic Solutions for SICNNs with Nonlinear Behaved Functions and Mixed Delays. Abstract and Applied Analysis, 2010, 2010, 1-20.     | 0.3 | 5         |
| 103 | Policy Iteration for Continuous-Time Average Reward Markov Decision Processes in Polish Spaces. Abstract and Applied Analysis, 2009, 2009, 1-17.   | 0.3 | 3         |
| 104 | Stability Analysis of Stochastic Reaction-Diffusion Cohen-Grossberg Neural Networks with Time-Varying Delays. Discrete Dynamics in Nature and Society, 2009, 2009, 1-18.                   | 0.5 | 1         |
| 105 | Almost sure exponential stability of stochastic cellular neural networks with unbounded distributed delays. Neurocomputing, 2009, 72, 3352-3356.   | 3.5 | 75        |
| 106 | Stability analysis of non-autonomous stochastic Cohen-Grossberg neural networks. Nonlinear Dynamics, 2009, 57, 469-478.  | 2.7 | 7         |
| 107 | Dynamic Analysis of Stochastic Recurrent Neural Networks. Neural Processing Letters, 2008, 27, 267-276.  | 2.0 | 9         |
| 108 | Stability Analysis of a Class of Two-Neuron Networks with Time-Varying Delays. , 2008, , .   |     | 0         |

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|-----|--|-----|-----------|
| 109 | New Results of a Class of Two-Neuron Networks with Time-Varying Delays. <i>Journal of Inequalities and Applications</i> , 2008, 2008, 1-14.  | 0.5 | 1         |
| 110 | Hopf bifurcation analysis for a two-neuron network with four delays. <i>Chaos, Solitons and Fractals</i> , 2007, 34, 795-812.  | 2.5 | 40        |
| 111 | New results on network of neurons with delayed feedback: Periodical switching of excitation and inhibition. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 366, 190-194. | 0.9 | 5         |
| 112 | Dynamics of a class of Cohen-Grossberg neural networks with time-varying delays. <i>Nonlinear Analysis: Real World Applications</i> , 2007, 8, 40-52.  | 0.9 | 47        |
| 113 | Existence and global exponential stability of periodic solution of two-neuron networks with time-varying delays. <i>Applied Mathematics Letters</i> , 2006, 19, 126-134.                                     | 1.5 | 20        |
| 114 | Dynamics analysis of a class of planar systems with time-varying delays. <i>Nonlinear Analysis: Real World Applications</i> , 2006, 7, 1233-1242.  | 0.9 | 4         |