

# Baogui Xin

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,025  
citations

430874

18  
h-index

477307

29  
g-index

53  
all docs

53  
docs citations

53  
times ranked

787  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Finite-time stabilizing a fractional-order chaotic financial system with market confidence. <i>Nonlinear Dynamics</i> , 2015, 79, 1399-1409.  | 5.2 | 86        |
| 2  | Scenario analysis of carbon emissions' anti-driving effect on Qingdao's energy structure adjustment with an optimization model, Part â...: Carbon emissions peak value prediction. <i>Journal of Cleaner Production</i> , 2018, 172, 466-474. | 9.3 | 76        |
| 3  | Green Process Innovation and Innovation Benefit: The Mediating Effect of Firm Image. <i>Sustainability</i> , 2017, 9, 1778.   | 3.2 | 71        |
| 4  | The sources of green management innovation: Does internal efficiency demand pull or external knowledge supply push?. <i>Journal of Cleaner Production</i> , 2018, 202, 582-590.   | 9.3 | 69        |
| 5  | A differential oligopoly game for optimal production planning and water savings. <i>European Journal of Operational Research</i> , 2018, 269, 206-217.  | 5.7 | 57        |
| 6  | Local stability of the Cournot solution with increasing heterogeneous competitors. <i>Nonlinear Analysis: Real World Applications</i> , 2015, 26, 150-160.  | 1.7 | 45        |
| 7  | Effects of Smart City Policies on Green Total Factor Productivity: Evidence from a Quasi-Natural Experiment in China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2396.                              | 2.6 | 44        |
| 8  | Projective synchronization of chaotic fractional-order energy resources demandâ€“supply systems via linear control. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 4479-4486.                                | 3.3 | 40        |
| 9  | Green Product Innovation and Firm Performance: Assessing the Moderating Effect of Novelty-Centered and Efficiency-Centered Business Model Design. <i>Sustainability</i> , 2018, 10, 1843.   | 3.2 | 34        |
| 10 | 0-1 Test for Chaos in a Fractional Order Financial System with Investment Incentive. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-10.   | 0.7 | 30        |
| 11 | A truncated SVD-based ARIMA model for multiple QoS prediction in mobile edge computing. <i>Tsinghua Science and Technology</i> , 2022, 27, 315-324.   | 6.1 | 30        |
| 12 | Neimarkâ€“Sacker bifurcation analysis and complex nonlinear dynamics in a heterogeneous quadropoly game with an isoelastic demand function. <i>Nonlinear Dynamics</i> , 2017, 89, 2533-2552.  | 5.2 | 27        |
| 13 | Chaos Synchronization of Nonlinear Fractional Discrete Dynamical Systems via Linear Control. <i>Entropy</i> , 2017, 19, 351.  | 2.2 | 27        |
| 14 | A coordinated strategy for sustainable supply chain management with product sustainability, environmental effect and social reputation. <i>Journal of Cleaner Production</i> , 2019, 228, 1143-1156.  | 9.3 | 26        |
| 15 | On a masterâ€“slave Bertrand game model. <i>Economic Modelling</i> , 2011, 28, 1864-1870.   | 3.8 | 24        |
| 16 | The complexity of an investment competition dynamical model with imperfect information in a security market. <i>Chaos, Solitons and Fractals</i> , 2009, 42, 2425-2438.   | 5.1 | 20        |
| 17 | Neimark-Sacker Bifurcation in a Discrete-Time Financial System. <i>Discrete Dynamics in Nature and Society</i> , 2010, 2010, 1-12.  | 0.9 | 20        |
| 18 | Modeling, discretization, and hyperchaos detection of conformable derivative approach to a financial system with market confidence and ethics risk. <i>Advances in Difference Equations</i> , 2019, 2019, .                                   | 3.5 | 19        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Has the Belt and Road Initiative Brought New Opportunities to Countries Along the Routes to Participate in Global Value Chains?. SAGE Open, 2020, 10, 215824402090208.   | 1.7 | 17        |
| 20 | Optimal Strategies of Product Price, Quality, and Corporate Environmental Responsibility. International Journal of Environmental Research and Public Health, 2019, 16, 4704.                                     | 2.6 | 16        |
| 21 | A discrete fractional-order Cournot duopoly game. Physica A: Statistical Mechanics and Its Applications, 2020, 558, 124993.  | 2.6 | 16        |
| 22 | The Causality between Participation in GVCs, Renewable Energy Consumption and CO2 Emissions. Sustainability, 2020, 12, 1237.   | 3.2 | 16        |
| 23 | Computational analysis of the queue with working breakdowns and delaying repair under a Bernoulli-schedule-controlled policy. Communications in Statistics - Theory and Methods, 2019, 48, 926-941.              | 1.0 | 15        |
| 24 | Optimal strategies for product price, customer environmental volunteering, and corporate environmental responsibility. Journal of Cleaner Production, 2022, 364, 132635.   | 9.3 | 14        |
| 25 | Numerical Solutions of a Fractional Predator-Prey System. Advances in Difference Equations, 2011, 2011, 1-11.  | 3.5 | 13        |
| 26 | Neimark's Sacker Bifurcation Analysis and $\mathbb{1}$ Chaos Test of an Interactions Model between Industrial Production and Environmental Quality in a Closed Area. Sustainability, 2015, 7, 10191-10209.       | 3.2 | 13        |
| 27 | A Continuous Time Bertrand Duopoly Game With Fractional Delay and Conformable Derivative: Modeling, Discretization Process, Hopf Bifurcation, and Chaos. Frontiers in Physics, 2019, 7, .                        | 2.1 | 13        |
| 28 | Synchronization of Chaotic Fractional-Order WINDMI Systems via Linear State Error Feedback Control. Mathematical Problems in Engineering, 2010, 2010, 1-10.  | 1.1 | 12        |
| 29 | A new Mittag-Leffler function undetermined coefficient method and its applications to fractional homogeneous partial differential equations. Journal of Nonlinear Science and Applications, 2017, 10, 4515-4523. | 1.0 | 12        |
| 30 | Prediction for Chaotic Time Series-Based AE-CNN and Transfer Learning. Complexity, 2020, 2020, 1-9.  | 1.6 | 11        |
| 31 | Bifurcation and Chaos in a Price Game of Irrigation Water in a Coastal Irrigation District. Discrete Dynamics in Nature and Society, 2013, 2013, 1-10.   | 0.9 | 10        |
| 32 | Projective Synchronization of Chaotic Discrete Dynamical Systems via Linear State Error Feedback Control. Entropy, 2015, 17, 2677-2687.  | 2.2 | 10        |
| 33 | Optimal Coordination Strategy for International Production Planning and Pollution Abating under Cap-and-Trade Regulations. International Journal of Environmental Research and Public Health, 2019, 16, 3490.    | 2.6 | 10        |
| 34 | Complex Dynamics of an Adnascent-Type Game Model. Discrete Dynamics in Nature and Society, 2008, 2008, 1-12.   | 0.9 | 8         |
| 35 | Projective Synchronization of $N$ -Dimensional Chaotic Fractional-Order Systems via Linear State Error Feedback Control. Discrete Dynamics in Nature and Society, 2012, 2012, 1-10.                              | 0.9 | 8         |
| 36 | A Bertrand Duopoly Game with Long-Memory Effects. Complexity, 2020, 2020, 1-7.   | 1.6 | 8         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Governance Mechanism for Global Greenhouse Gas Emissions: A Stochastic Differential Game Approach. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-13.  | 1.1 | 7         |
| 38 | Optimal Financing Decisions of Two Cash-Constrained Supply Chains with Complementary Products. <i>Sustainability</i> , 2016, 8, 429.  | 3.2 | 6         |
| 39 | A Nonlinear Optimal Control Approach for Industrial Production Under an Oligopoly Model. <i>IEEE Systems Journal</i> , 2019, 13, 1991-2000.   | 4.6 | 6         |
| 40 | Pricing decision of a dual-channel supply chain with different payment, corporate social responsibility and service level. <i>RAIRO - Operations Research</i> , 2022, 56, 49-75.  | 1.8 | 6         |
| 41 | Analysis of a queueing system in random environment with an unreliable server and geometric abandonments. <i>RAIRO - Operations Research</i> , 2018, 52, 903-922.   | 1.8 | 5         |
| 42 | Stability and Hopf Bifurcation of a Stochastic Cournot Duopoly Game in a Blockchain Cloud Services Market Driven by Brownian Motion. <i>IEEE Access</i> , 2020, 8, 41432-41438.   | 4.2 | 5         |
| 43 | A social trust and preference segmentation-based matrix factorization recommendation algorithm. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2019, 2019, .  | 2.4 | 5         |
| 44 | An integrated autoencoder-based filter for sparse big data. <i>Journal of Control and Decision</i> , 2020, , 1-15.  | 1.6 | 4         |
| 45 | Effects of eco-environmental damage compensation system with multi-stakeholder engagements: a DSGE perspective from China. <i>Environmental Research Communications</i> , 2022, 4, 015001.  | 2.3 | 4         |
| 46 | Parallel and Cyclic Algorithms for Quasi-Nonexpansives in Hilbert Space. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-27.   | 0.7 | 3         |
| 47 | Decision-Making Optimization of Risk-Seeking Retailer Managed Inventory Model in a Water Supply Chain. <i>Discrete Dynamics in Nature and Society</i> , 2021, 2021, 1-18.   | 0.9 | 3         |
| 48 | Urban green economic planning based on improved genetic algorithm and machine learning. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 40, 7309-7322.  | 1.4 | 2         |
| 49 | Delay-induced Hopf bifurcation in a noise-driven excitable neuron model. <i>International Journal of Computer Mathematics</i> , 2011, 88, 3255-3270.  | 1.8 | 1         |
| 50 | A Viscosity Approximation Scheme for Finding Common Solutions of Mixed Equilibrium Problems, a Finite Family of Variational Inclusions, and Fixed Point Problems in Hilbert Spaces. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-18. | 0.9 | 1         |
| 51 | Weak Laws of Large Numbers for fuzzy variables based on credibility measure. , 2010, , .  |     | 0         |
| 52 | Synchronization of chaotic fractional-order Moore-Spiegel systems with fully unknown parameters. , 2011, , .  |     | 0         |
| 53 | Discrete Fractional-Order Systems with Applications in Engineering and Natural Sciences. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-2.   | 1.1 | 0         |