

Rosangela Ballini

List of Publications by Year in descending order

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76
papers

849
citations

840776

11
h-index

610901

24
g-index

77
all docs

77
docs citations

77
times ranked

548
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Evolving fuzzy granular modeling from nonstationary fuzzy data streams. <i>Evolving Systems</i> , 2012, 3, 65-79. | 3.9 | 110 |
| 2 | Evolving granular analytics for interval time series forecasting. <i>Granular Computing</i> , 2016, 1, 213-224. | 8.0 | 92 |
| 3 | Probabilistic Forecasting With Fuzzy Time Series. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 1771-1784. | 9.8 | 51 |
| 4 | Evolving fuzzy systems for pricing fixed income options. <i>Evolving Systems</i> , 2012, 3, 5-18. | 3.9 | 46 |
| 5 | Enhanced evolving participatory learning fuzzy modeling: an application for asset returns volatility forecasting. <i>Evolving Systems</i> , 2014, 5, 75-88. | 3.9 | 41 |
| 6 | Evolving Possibilistic Fuzzy Modeling for Realized Volatility Forecasting With Jumps. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 302-314. | 9.8 | 39 |
| 7 | Top-down strategies based on adaptive fuzzy rule-based systems for daily time series forecasting. <i>International Journal of Forecasting</i> , 2011, 27, 708-724. | 6.5 | 38 |
| 8 | Learning Algorithms for a Class of Neurofuzzy Network and Application. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2004, 34, 293-301. | 2.9 | 36 |
| 9 | Fuzzy granular evolving modeling for time series prediction. , 2011, , . | | 27 |
| 10 | Participatory Evolving Fuzzy Modeling. , 2006, , . | | 25 |
| 11 | Adaptive fuzzy system to forecast financial time series volatility. <i>Journal of Intelligent and Fuzzy Systems</i> , 2012, 23, 27-38. | 1.4 | 18 |
| 12 | Evolving Fuzzy-GARCH Approach for Financial Volatility Modeling and Forecasting. <i>Computational Economics</i> , 2016, 48, 379-398. | 2.6 | 18 |
| 13 | A short-term bus load forecasting system. , 2010, , . | | 14 |
| 14 | Recursive possibilistic fuzzy modeling. , 2014, , . | | 14 |
| 15 | A fuzzy inference system modeling approach for interval-valued symbolic data forecasting. <i>Knowledge-Based Systems</i> , 2019, 164, 139-149. | 7.1 | 14 |
| 16 | Online estimation of stochastic volatility for asset returns. , 2012, , . | | 13 |
| 17 | Evolving hybrid neural fuzzy network for realized volatility forecasting with jumps. , 2014, , . | | 13 |
| 18 | MIMO evolving functional fuzzy models for interest rate forecasting. , 2012, , . | | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Evolving Hybrid Neural Fuzzy Network for System Modeling and Time Series Forecasting. , 2013, , . | | 11 |
| 20 | An evolving possibilistic fuzzy modeling approach for Value-at-Risk estimation. Applied Soft Computing Journal, 2017, 60, 820-830. | 7.2 | 11 |
| 21 | A differential evolution algorithm for yield curve estimation. Mathematics and Computers in Simulation, 2016, 129, 10-30. | 4.4 | 10 |
| 22 | An Adaptive Hybrid Model for Monthly Streamflow Forecasting. IEEE International Conference on Fuzzy Systems, 2007, , . | 0.0 | 9 |
| 23 | Simplified evolving rule-based fuzzy modeling of realized volatility forecasting with jumps. , 2013, , . | | 9 |
| 24 | Adaptive fuzzy modeling of interval-valued stream data and application in cryptocurrencies prediction. Neural Computing and Applications, 2023, 35, 7149-7159. | 5.6 | 9 |
| 25 | Neural Networks Applied to Stock Market Forecasting: An Empirical Analysis. Learning and Nonlinear Models, 2010, 8, 3-22. | 0.2 | 9 |
| 26 | Predictive fuzzy clustering model for natural streamflow forecasting. , 0, , . | | 8 |
| 27 | A Constructive-Fuzzy System Modeling for Time Series Forecasting. Neural Networks (IJCNN), International Joint Conference on, 2007, , . | 0.0 | 8 |
| 28 | Verifying the Use of Evolving Fuzzy Systems for Multi-Step Ahead Daily Inflow Forecasting. , 2009, , . | | 8 |
| 29 | Uninetworks in time series forecasting. , 2009, , . | | 8 |
| 30 | Evolving possibilistic fuzzy modeling for financial interval time series forecasting. , 2015, , . | | 8 |
| 31 | Kernel Evolving Participatory Fuzzy Modeling for Time Series Forecasting. , 2018, , . | | 8 |
| 32 | Functional Fuzzy Rule-Based Modeling for Interval-Valued Data: An Empirical Application for Exchange Rates Forecasting. Computational Economics, 2021, 57, 743-771. | 2.6 | 8 |
| 33 | MIMO evolving participatory learning fuzzy modeling. , 2012, , . | | 7 |
| 34 | Evolving participatory learning fuzzy modeling for financial interval time series forecasting. , 2017, , . | | 7 |
| 35 | Evolving fuzzy systems for pricing fixed income options. , 2011, , . | | 6 |
| 36 | Participatory Learning Fuzzy Clustering for Interval-Valued Data. Communications in Computer and Information Science, 2016, , 687-698. | 0.5 | 6 |

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|----|---|-----|-----------|
| 37 | Estimating the Brazilian Central Bank's Reaction Function by Fuzzy Inference System. Communications in Computer and Information Science, 2010, , 324-333. | 0.5 | 6 |
| 38 | An hybrid aggregate model applied to the short-term bus load forecasting problem. , 2009, , . | | 5 |
| 39 | Apresentação de opções sobre taxa de câmbio R\$/US\$ negociadas no Brasil: uma comparação entre os modelos Black e redes neurais artificiais. RAUSP: Revista De Administração Da Universidade De São Paulo, 2012, , 96-111. | 1.0 | 5 |
| 40 | Impacto dos contratos futuros do Ibovespa na volatilidade dos Índices de ações no Brasil: uma análise na crise do subprime. Estudos Economicos, 2012, 42, 801-825. | 0.1 | 5 |
| 41 | Evolving possibilistic fuzzy modeling. , 2015, , . | | 5 |
| 42 | An aggregate model applied to the short-term bus load forecasting problem. , 2009, , . | | 4 |
| 43 | An enhanced approach for evolving participatory learning fuzzy modeling. , 2012, , . | | 4 |
| 44 | LINEAR DECAYING WEIGHTS FOR TIME SERIES SMOOTHING: AN ANALYSIS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2014, 22, 23-40. | 1.9 | 4 |
| 45 | Evolving possibilistic fuzzy modelling. Journal of Statistical Computation and Simulation, 2017, 87, 1446-1466. | 1.2 | 4 |
| 46 | Streamflow forecasting using neural networks and fuzzy clustering techniques. , 0, , . | | 3 |
| 47 | Granular Models for Time-Series Forecasting. , 0, , 949-967. | | 3 |
| 48 | Recurrent fuzzy neural computation: Modeling, learning and application. , 2010, , . | | 3 |
| 49 | Evolving fuzzy linear regression tree approach for forecasting sales volume of petroleum products. , 2012, , . | | 3 |
| 50 | Modeling the term structure of government bond yields with a differential evolution algorithm. , 2012, , . | | 3 |
| 51 | Exchange rate forecasting using echo state networks for trading strategies. , 2014, , . | | 3 |
| 52 | Value-at-risk modeling and forecasting with range-based volatility models: empirical evidence. Revista Contabilidade E Finanças, 2017, 28, 361-376. | 0.4 | 3 |
| 53 | Evolving fuzzy modelling for yield curve forecasting. International Journal of Economics and Business Research, 2018, 15, 290. | 0.2 | 3 |
| 54 | Interval fuzzy rule-based modeling approach for financial time series forecasting. , 2017, , . | | 2 |

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|----|---|-----|-----------|
| 55 | An adaptive neural fuzzy network model for seasonal stream flow forecasting. , 0, , . | | 1 |
| 56 | A recurrent fuzzy neural network: learning and application. , 0, , . | | 1 |
| 57 | Gradient Projection Method and Equality Index in Recurrent Neural Fuzzy Network. Lecture Notes in Computer Science, 2003, , 585-594. | 1.3 | 1 |
| 58 | A Comparative Study between an Offline and an Online Fuzzy Model. , 2007, , . | | 1 |
| 59 | Daily reservoir inflow forecasting using fuzzy inference systems. , 2011, , . | | 1 |
| 60 | Analysis of the emission of American Depositary Receipts of Brazilian companies through the extraction of linguistic summaries. , 2015, , . | | 1 |
| 61 | Stock market volatility prediction using possibilistic fuzzy modelling. International Journal of Innovative Computing and Applications, 2016, 7, 181. | 0.2 | 1 |
| 62 | Fuzzy rule-based modeling for interval-valued time series prediction. , 2018, , . | | 1 |
| 63 | A Fuzzy Model for Interval-Valued Time Series Modeling and Application in Exchange Rate Forecasting. Communications in Computer and Information Science, 2020, , 41-53. | 0.5 | 1 |
| 64 | Fuzzy inference systems for synthetic monthly inflow time series generation. , 2011, , . | | 1 |
| 65 | Evolving Fuzzy Modeling for Stock Market Forecasting. Communications in Computer and Information Science, 2012, , 20-29. | 0.5 | 1 |
| 66 | Out-of-equilibrium price dynamics and the inflationary process. , 2011, , . | | 0 |
| 67 | Stock market volatility prediction using possibilistic fuzzy modeling. , 2015, , . | | 0 |
| 68 | Evolving possibilistic fuzzy modeling for equity options pricing. , 2016, , . | | 0 |
| 69 | Fuzzy Rule-Based Modeling for Interval-Valued Data: An Application to High and Low Stock Prices Forecasting. , 2019, , 403-424. | | 0 |
| 70 | An Intelligent Hybrid Model for Bus Load Forecasting in Electrical Short-Term Operation Tasks. Advances in Civil and Industrial Engineering Book Series, 2012, , 540-562. | 0.2 | 0 |
| 71 | Forecasting Exchange Rates with Fuzzy Granular Evolving Modeling for Trading Strategies. , 2013, , . | | 0 |
| 72 | Evolving Possibilistic Fuzzy Modeling and Application in Value-at-Risk Estimation. Studies in Fuzziness and Soft Computing, 2017, , 119-139. | 0.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | O impacto da elasticidade-renda por exportações no crescimento econômico brasileiro no período de 2002 a 2018. , 0, , . | | 0 |
| 74 | Análise de causalidade entre crescimento econômico e desenvolvimento do mercado financeiro no Brasil. , 0, , . | | 0 |
| 75 | Efeito das operações de hedge e especulação sobre a volatilidade dos preços de commodities agrícolas nos EUA. Economia Aplicada, 2020, 24, 343-366. | 0.1 | 0 |
| 76 | Is entrepreneurship an emerging area of research? A computational response. Revista De Empreendedorismo E Gestão De Pequenas Empresas, 0, , . | 0.2 | 0 |