

How systematic factors affect the stock market cyclical behavior in Iranian economy?.....	325-342
<i>Mostafa Abdollahzadeh, Ebrahim Hadian</i>	
A Dynamic Analysis of the Environmental Impacts and Energy Consumption in the Industrial Sector on Iran's Economic Growth.....	343-368
<i>Amirreza Khalili, Mojtaba Bahmani, Mehdi Nejati</i>	
Commodity Price Volatility and Fiscal Balance in Commodity-Exporting Countries.....	369-402
<i>Mahdieh Rezagholizadeh, Majid Aghasi, Mehrdad Zoghi Saroukolae</i>	
Gold Price Prediction Using a Hybrid Convolutional-Recurrent Neural Network (CNN-GRU).....	403-426
<i>Fatemeh Isadi Bidari, Vahid Sattari-Nasini, Zeinolabedin Sadeghi, Omid Abedi</i>	
Analysis of the Income Distribution Structure in Iran's Development Plan.....	427-453
<i>Maryam Nookpishah, Ali Hussein Samadi, Afshin Montakhab</i>	
Analyzing the Nonlinear Relationship Between Financial Development and Economic Growth in Iran: A Combined Approach Using Principal Component Analysis and Copula Model.....	455-479
<i>Saeed Kian poor, Seyed Ehsan Alavi</i>	
Green Paradox Test in Fiscal Decentralization Using Multi-Objective Optimization and Response Surface Methodology (RSM).....	481-513
<i>Ebrahim Anvari, Elham Jafari, Hassan Farazmand, Amir Hossein Montazer Hojat</i>	
An Analysis of Macroeconomic Responses to Energy Price Reforms along Iran's Decarbonization Path: A Computable General Equilibrium (CGE) Modeling Approach.....	515-542
<i>Mahdi Sadat Jalaei Esfandabadi, Zeinolabedin Sadeghi, Seyed AbdoImajid Jalaei Esfandabadi, Mehdi Nejati, Mohammad Ali Taghoobi</i>	
Linear and Non-Linear effect of Exchange Rate on Iranian Banks's Financial Soundness.....	543-573
<i>Azam Ahmadyan, Mohammad Valipourpasha</i>	
Enhancing Technical Analysis with Machine Learning: Insights from Emerging Markets with Application to the Tehran Stock Exchange.....	575-618
<i>Fatemeh Ansari, Shahab Jahangiri, Ali Rezaeadeh</i>	
The electricity Outage cost in Iran: An input output analysis.....	619-646
<i>Ali Aharari Aslari, Zeinolabedin Sadeghi, Seyed AbdoImajid Jalaei</i>	
Economic Development's Influence on Financial Structure of Iran: New Structural Financial Economics View.....	647-668
<i>Seyedrohollah Ahmadi Hajabadi</i>	

In the name of God

Iranian Journal of Economic Studies

Vol. 13, No. 2, 2024

Publisher: Shiraz University

Director-in-Charge: *Dr. Ali Hafizi*, Vice-Chancellor for Research, Shiraz University

Editor-in-Chief: *Dr. Sakine Owjimehr*, Shiraz University

International Editorial Board:

Bahmani-Oskooee, M.	: University of Wisconsin Milwaukee, USA.
Farzanegan, M. R.	: Philipps-Universität Marburg, Germany.
Kia, A.	: Utah Valley University, USA.
Pesaran, M. H.	: Cambridge University, UK.
Salehi-Isfahani, D.	: Virginia Tech. University, USA.

Editorial Board:

Abounoori, E.	: Semnan University, Iran.
Dehghan Shabani, Z.	: Shiraz University, Iran.
Elmi, Z. (M.)	: University of Mazandaran, Iran.
Ghaderi, J.	: Shiraz University, Iran.
Hadian, E.	: Shiraz University, Iran.
Hojabr Kiani, K.	: Shahid Beheshti University, Iran.
Keshavarz Haddad, Gh.	: Sharif University, Iran.
Owjimehr, S.	: Shiraz University, Iran.
Motevaseli, M.	: University of Tehran, Iran.
Mousavi Jahromi, Y.	: Payame Noor University, Iran.
Samadi, A. H.	: Shiraz University, Iran.
Sharzei, GH. A.	: Tehran University, Iran.
Tayebi, S. K.	: Esfahan University, Iran.
Yavari, K.	: Yazd University, Iran.
Zibaei, M.	: Shiraz University, Iran.

Executive Director: Nazi Eslami

Designer: Fateme Keifargir

ISSN: 2322-1402

Iranian Journal of Economic studies has been recognised as a scientific journal with B ranking by the Scientific Journal Commission, Ministry of Sciences, Research and Technology, Islamic Republic of Iran, dated: 2021

This Journal is Indexed in
Islamic World Science Citation Center (ISC)

Postal Address: *Iranian Journal of Economic Studies*, Department of Economics,
Shiraz University, Eram Square, Shiraz, I. R. of Iran

Postal Code: 71947-85115

Tel: +98 71 36134469

Fax: +98 71 36460657

Email: ijes@rose.shirazu.ac.ir

Homepage: <http://ijes.shirazu.ac.ir>

Description

Iranian Journal of Economic Studies is published twice a year in spring and fall by Shiraz University, one of the oldest and the most prestigious universities in Iran, with high quality in research and education. The aim of this journal is to provide a forum for economists (in Iran and around the globe) to publish their theoretical and empirical research in all fields of economics. The primary purpose of the journal is to promote publications of original research related to the Iranian economy. It is also designed to serve as an outlet for studies on the Middle East and Central Asia. Nonetheless, the journal does not preclude itself from publishing high-quality works related to other regions. At the same time, submissions of methodological or theoretical studies with practical results are also welcome.

Submission

Submission to this journal proceeds totally online and you will be guided stepwise through the creation and uploading of your files. All correspondences, including notification of the Editor's decision and requests for revision, take place by e-mail and hence remove the need for a paper trail.

Submit your article

Please submit your article via <http://ijes.shirazu.ac.ir>

Submission declaration

Submission of an article implies that the work described has not been published previously (except in the form of an abstract or as part of a published lecture or academic thesis), that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it will not be published elsewhere including electronically in the same form, in English or in any other language.

Guide for Authors

Authors are required to use the following format and send their papers in two separate files:

A cover page

paper without the name(s) of author(s) and any information.

1. A **cover page** should include the following items:

1.1 **Title:** title should be concise and informative.

1.2 **Author name(s) and their affiliations.** author(s) affiliation(s) should be presented below the name(s): *Department, University, City, Country.*

Provide the full postal address of each affiliation(s).

1.3 **Email** of corresponding author.

2. The **paper without the name(s) of author(s)** and any information (articles should be between 5000-7000 words)

2.1 **Title:** Titles should be concise and informative.

2.2 **Highlights:** Provide minimum of 2 and maximum of 5 highlights and each in separate line.

2.3 **Abstract:** It should not exceed 200 words.

2.4. **Keywords:** Provide a maximum of 6 keywords.

2.5. **JEL Classification** Codes: Please provide up to 6 JEL codes. The codes may be accessed at: www.aeaweb.org/journal/elclasjn.html

2.6 Introduction

In this section, the *research problem* should be discussed concisely and precisely. The *phenomenon under study and its importance*, *what we know* (the brief literature) and *do not know about it* (the research gap), and *how we know* (your solution), and finally *what we probably learn after conducting this study* (the contributions and new insights), should be introduced. In last paragraph, *the plan of paper* should be introduced.

2.7 **The main part of the paper** (including theoretical background/ methodology/ model specification/ modeling approach/ framework of analysis/empirical,results(...or

2.8 Discussion

2.9 Concluding Remarks

2.10 **References** to articles and books in the text (*APA Reference style* should be followed)

Examples:

1. Book

Krause, K.L., Bochner, S., & Duchesne, S. 2006. *Educational psychology for learning and teaching* (2nd ed.). South Melbourne, Vic., Australia: Thomson.

2. Journal article – academic/scholarly (electronic version) with DOI

Hohepa, M., Schofield, G., & Kolt, G. S. 2006. Physical activity: What do high school students think? *Journal of Adolescent Health*, 39(3), 328-336. doi: 10.1016/j.jadohealth.2005.12.024

Citations in the text:

For citations in the text, use author last name(s) only followed by year of publication and pages used in parentheses (for example: [North,1990:213](#)). When listing a string of references within the text, arrange first in chronological order, then alphabetically within years. If there are three or more authors, refer to the first author, followed by et al. and the year and pages. If there is more than one publication referred to in the same year by the author(s), use the year and a, b, etc. (example: 1997a, b).

Contents



Iranian Journal of Economic Studies

Journal homepage: ijes.shirazu.ac.ir



How systematic factors affect the stock market cyclical behavior in Iranian economy?.....	325-342
<i>Mostafa Abdollahzadeh, Ebrahim Hadian</i>	
A Dynamic Analysis of the Environmental Impacts and Energy Consumption in the Industrial Sector on Iran's Economic Growth.....	343-368
<i>Amirreza Khalili, Mojtaba Bahmani, Mehdi Nejati</i>	
Commodity Price Volatility and Fiscal Balance in Commodity-Exporting Countries.....	369-402
<i>Mahdieh Rezagholizadeh, Majid Aghaei, Mehrdad Zaghi Saroukolae</i>	
Gold Price Prediction Using a Hybrid Convolutional-Recurrent Neural Network (CNN-GRU).....	403-426
<i>Fatemeh Izadi Bidani, Vahid Sattari-Naeini, Zeinolabedin Sadeghi, Omid Abedi</i>	
Analysis of the Income Distribution Structure in Iran's Development Plan.....	427-453
<i>Maryam Noohpisheh, Ali Hussien Samadi, Afshin Montakhab</i>	
Analyzing the Nonlinear Relationship Between Financial Development and Economic Growth in Iran: A Combined Approach Using Principal Component Analysis and Copula Model.....	455-479
<i>Saeed Kian poor, Seyed Ehsan Alavi</i>	
Green Paradox Test in Fiscal Decentralization Using Multi-Objective Optimization and Response Surface Methodology (RSM).....	481-513
<i>Ebrahim Anvari, Elham Jafari, Hassan Farazmand, Amir Hossein Montazer Hojat</i>	
An Analysis of Macroeconomic Responses to Energy Price Reforms along Iran's Decarbonization Path: A Computable General Equilibrium (CGE) Modeling Approach.....	515-542
<i>Mahdis Sadat Jalaee Esfandabadi, Zeinolabedin Sadeghi, Seyyed Abdolmajid Jalaee Esfandabadi, Mehdi Nejati, Mohammad Ali Yaghoobi</i>	
Linear and Non-Linear effect of Exchange Rate on Iranian Banks's Financial Soundnes.....	543-573
<i>Azam Ahmadyan, Mohammad Valipourpasha</i>	
Enhancing Technical Analysis with Machine Learning: Insights from Emerging Markets with Application to the Tehran Stock Exchange	575-618
<i>Fatemeh Ansari, Shahab Jahangiri, Ali Rezazadeh</i>	
The electricity Outage cost in Iran: An input output analysis.....	619-646
<i>Ali Abazari Askari, Zeinolabedin Sadeghi, Seyyed Abdolmajid Jalaee</i>	
Economic Development's Influence on Financial Structure of Iran: New Structural Financial Economics View.....	647-668
<i>Seyedrohollah Ahmadi Hajiabadi</i>	

Vol. 13, No. 2, Winter and Spring 2024

Iranian Journal of Economic Studies

© 2024, Shiraz University, All right reserved