

## Assoc. Prof. Ülviyyə Rzayeva

### Şəxsi məlumat

**Elektron poçt:** ulviyya.rzayeva@unec.edu.az

**Web:** <https://avesis.unec.edu.az/ulviyya.rzayeva>

### Beynəlxalq Tədqiqatçı identifikatorları

ScholarID: brm13xIAAAAJ

ORCID: 0000-0001-5881-6633

ScopusID: 55367951600

### Təhsil Məlumatı

Doctorate, Bakü Devlet Üniversitesi, Azerbaijan 2008 - 2013

Undergraduate, Bakü Devlet Üniversitesi, Applied Mathematics , Applied Mathematics , Azerbaijan 1990 - 1995

### Xarici Dillər

Azerbaijani, C2 Mastery

English, B2 Upper Intermediate

Italian, A2 Elementary

Russian, C2 Mastery

### Elmi tədqiqat sahələri

Social Sciences and Humanities

### SCI, SSCI və AHCI tərəfindən indekslənmiş dərc edilmiş jurnal məqalələri

- I. Mathematical Modeling of Intellectual Capital and Business Efficiency of Small and Medium Enterprises**  
Strielkowski W., Guliyeva A., Rzayeva Ü., Korneeva E., Sherstobitova A.  
MATHEMATICS, vol.9, no.18, 2021 (SCI-Expanded)
- II. SOLUTION OF ONE PROBLEM ON OPTIMUM GAS WELL OPERATION CONTROL**  
Mamtiyev K., Aliyeva T., Rzayeva Ü.  
ECONOMIC COMPUTATION AND ECONOMIC CYBERNETICS STUDIES AND RESEARCH, vol.54, no.4, pp.249-264, 2020 (SCI-Expanded)

### Digər jurnallardakı nəşrlər

- I. FINDING AND IMPLEMENTING THE NUMERICAL SOLUTION OF AN OPTIMAL CONTROL PROBLEM FOR OSCILLATIONS IN A COUPLED OBJECTS SYSTEM**  
Mamtiyev K., Rzayeva Ü.  
Eastern-European Journal of Enterprise Technologies, vol.2, no.2-128, pp.64-74, 2024 (Scopus)

- II. DEVELOPMENT OF THE METHOD OF GENERAL INTERPOLATION FOR Z-NUMBER-VALUED IF-THEN RULES**  
 Jabbarova K., Rzayeva Ü., Jabbarova A.  
 Eastern-European Journal of Enterprise Technologies, vol.4, no.4(124), pp.19-26, 2023 (Scopus)
- III. Identifying the influence of the distance factor on the level of transaction costs at agricultural processing enterprises**  
 Ibrahimov F., Balayev R., Rzayeva Ü.  
 Eastern-European Journal of Enterprise Technologies, vol.5, no.4(125), pp.55-62, 2023 (Scopus)
- IV. NUMERICAL SOLUTION OF THE CONTROL PROBLEM ON THE DEPLETION OF GAS RESERVOIRS WITH WEAKLY PERMEABLE TOP**  
 Mamtiyev K., Rzayeva Ü., Abdulova A.  
 Eastern-European Journal of Enterprise Technologies, vol.2, no.6-122, pp.15-23, 2023 (Scopus)
- V. OPPORTUNITIES AND PERSPECTIVES OF THE DIGITAL TWINS' CONCEPTION: THE CASE IN AGRICULTURE**  
 Ibrahimov F., Rzayeva Ü., Balayev R.  
 Eastern-European Journal of Enterprise Technologies, vol.1, no.13(121), pp.102-112, 2023 (Scopus)
- VI. INVESTIGATION OF THE RELATIONSHIP BETWEEN THE DYNAMICS OF GDP AND ECONOMIC SENTIMENT INDEX**  
 Huseynova A., Aliyeva T., Rzayeva Ü.  
 Eastern-European Journal of Enterprise Technologies, vol.5, no.13-119, pp.60-72, 2022 (Scopus)
- VII. SOLUTION OF ONE OPTIMUM CONTROL PROBLEM REGARDING THE DEPLETION OF GAS RESERVOIR**  
 Mamtiyev K., Aliyeva T., Rzayeva Ü.  
 Eastern-European Journal of Enterprise Technologies, vol.1, no.4-115, pp.6-13, 2022 (Scopus)
- VIII. Solution to optimum gas well operation problem for developing countries**  
 Mamtiyev K., Aliyeva T., Rzayeva Ü.  
 INTERNATIONAL ENERGY JOURNAL, vol.21, pp.57-67, 2021 (ESCI)
- IX. Analysis Of One Class Of Optimal Control Problems For Distributed-Parameter Systems**  
 Mamtiyev K., Aliyeva T., Rzayeva Ü.  
 Eastern-European Journal of Enterprise Technologies, vol.5, no.4-113, pp.26-33, 2021 (Scopus)
- X. Impact of Information Technologies on HR Effectiveness: A Case of Azerbaijan**  
 Guliyeva A., Rzayeva Ü., Abdulova A.  
 INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, no.2, pp.81-89, 2020 (ESCI)
- XI. The impact of worldwide governance indicators on renewable energy production in Caspian sea countries**  
 Guliyeva A., Rzayeva Ü., Guliyeva G.  
 INTERNATIONAL JOURNAL OF ENERGY, ENVIRONMENT AND ECONOMICS, vol.26, pp.97-114, 2020 (Scopus)
- XII. Global security and economic asymmetry: A comparison of developed and developing countries**  
 Guliyeva A., Britchenko I., Rzayeva Ü.  
 Journal of Security and Sustainability Issues, vol.7, no.4, pp.707-717, 2018 (Scopus)
- XIII. Threats to the country's sustainable economic development: A case study**  
 Katina J., Sansyzbayeva G. N., Guliyeva A., Rzayeva Ü.  
 Journal of Security and Sustainability Issues, vol.8, no.1, pp.113, 2018 (Scopus)
- XIV. The problem of functions' fuzzy interpolation within formal theory**  
 Karimov A., Rzayeva Ü.  
 INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND STATISTICS, vol.27, pp.124-133, 2012 (Peer-Reviewed Journal)

## **Kongres/Seminar Təqdimatları Üzrə Rəylə Nəşr Edilən Nəşrlər**

- I. Applying a Fuzzy-Set Approach to Assessing Capital Flight Management: Empirical Research from**

## **Azerbaijan**

Rzayeva Ü., Mikayilova R.

15th International Conference on Application of Fuzzy Systems, Soft Computing and Artificial Intelligence Tools, ICAFS 2022, Budva, Montenegro, 26 - 27 August 2022, vol.610 LNNS, pp.669-676

### **II. Use of IT in Conducting the Statistical Study on the Impact of Inflation Targeting on Economic Growth**

Rzayeva Ü., Abdulova A.

17th IEEE International Conference on Application of Information and Communication Technologies, AICT 2023, Baku, Azerbaijan, 18 - 20 October 2023

### **III. Assessing the Impact of Education on Economic Growth with the Help of Information Technology**

Aliyeva T., Rzayeva Ü.

17th IEEE International Conference on Application of Information and Communication Technologies, AICT 2023, Baku, Azerbaijan, 18 - 20 October 2023

### **IV. Digital Twins in Agriculture as an Internet of Things Paradigm: The Case of Azerbaijan**

Ibrahimov F., Rzayeva Ü., Balayev R.

8th International Congress on Information and Communication Technology, ICICT 2023, London, England, 20 - 23 February 2023, vol.694 LNNS, pp.321-328

### **V. The Role of Social Networks in Shaping up the Consumer Behavior of Young People**

Rzayeva Ü., Grebennikova V. M., Us O. A., Malkov A. A.

Euro-Asian Symposium on Economic Theory, EASET 2022, Jekaterinburg, Russia, 29 - 30 June 2022, pp.199-212

### **VI. Economic Development Scenarios for Effective Organization Management in Post-COVID Conditions**

Guliyeva A., Rzayeva Ü., Guliyeva A.

8th International Leadership Conference on Novel Insights in the Leadership in Business and Economics After the COVID-19 Pandemic, NILBEC 2022, Prague, Czech Republic, 24 - 25 June 2022, pp.25-37

### **VII. Application of Information Technologies for Solving Economic Problems: In-depth Analysis of Okun's Law for Azerbaijan**

Strielkowski W., Guliyeva A., Rzayeva Ü., Jabbarova A.

16th IEEE International Conference on Application of Information and Communication Technologies, AICT 2022, Washington, United States Of America, 12 - 14 October 2022

### **VIII. Analysis of some indicators by means of fuzzy logic on the example of Azerbaijani energy enterprises**

Rzayeva Ü., Guliyeva A., Jafarova N.

1st Conference on Traditional and Renewable Energy Sources: Perspectives and Paradigms for the 21st Century, TRESP 2021, Prague, Czech Republic, 22 - 23 January 2021, vol.250

### **IX. E-Education as a New Education Paradigm: Case of Azerbaijan**

Aliyeva T., Rzayeva Ü.

13th IEEE International Conference on Application of Information and Communication Technologies (AICT), Baku, Azerbaijan, 23 - 25 October 2019, pp.307-311

### **X. About One Forecast Model of Stochastic Programming Based on Time Series and Genetic Algorithms**

Kerimov A., Abdul-zade S., Azadova M., Aliyeva T., Huseynova R., Rzayeva Ü., Khalilova J.

4th International Conference on Problems of Cybernetics and Informatics (PCI), Baku, Azerbaijan, 12 - 14 September 2012

## **Göstəricilər**

Nəşr: 26

İstinad (Scopus): 80

H-indexi (Scopus): 5