

## **Doç. Dr. Ülviyyə Rzayeva**

### **Kişisel Bilgiler**

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### **Uluslararası Araştırmacı ID'leri**

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ORCID: 0000-0001-5881-6633

ScopusID: 55367951600

### **Eğitim Bilgileri**

Doktora, Bakü Devlet Üniversitesi, Azerbaijan 2008 - 2013

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

### **Yabancı Diller**

Azerice, C2 Ustalık

İngilizce, B2 Orta Üstü

İtalyanca, A2 Temel

Rusça, C2 Ustalık

### **Araştırma Alanları**

Sosyal ve Beşeri Bilimler

### **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

#### **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, cilt.9, sa.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, cilt.54, sa.4, ss.249-264, 2020  
(SCI-Expanded)

### **Diğer Dergilerde Yayınlanan Makaleler**

#### **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, cilt.2, sa.2-128, ss.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*, cilt.4, sa.4(124), ss.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*, cilt.5, sa.4(125), ss.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*, cilt.2, sa.6-122, ss.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*, cilt.1, sa.13(121), ss.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*, cilt.5, sa.13-119, ss.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*, cilt.1, sa.4-115, ss.6-13, 2022 (Scopus)
- VIII. Solution to optimum gas well operation problem for developing countries**  
 Mamtiyev K., Aliyeva T., Rzayeva Ü.  
*INTERNATIONAL ENERGY JOURNAL*, cilt.21, ss.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*, cilt.5, sa.4-113, ss.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*, sa.2, ss.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*, cilt.26, ss.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*, cilt.7, sa.4, ss.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*, cilt.8, sa.1, ss.113, 2018 (Scopus)
- XIV. The problem of functions' fuzzy interpolation within formal theory**  
 Karimov A., Rzayeva Ü.  
*INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND STATISTICS*, cilt.27, ss.124-133, 2012 (Hakemli Dergi)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- 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, Karadağ, 26 - 27 avqust 2022, cilt.610 LNNS, ss.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 oktyabr 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 oktyabr 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, ICCT 2023, London, İngiltere, 20 - 23 fevral 2023, cilt.694 LNNS, ss.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, Rusya, 29 - 30 iyun 2022, ss.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, Çek Cumhuriyeti, 24 - 25 iyun 2022, ss.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, Amerika Birleşik Devletleri, 12 - 14 oktyabr 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, Çek Cumhuriyeti, 22 - 23 yanvar 2021, cilt.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 oktyabr 2019, ss.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 sentyabr 2012

## **Metrikler**

Yayın: 26

Atıf (Scopus): 80

H-İndeks (Scopus): 5