



Last name, first name, patronymic:

Roza Aubarirova Ablakimovna

Position (Department):

Professor of the Department of Chemistry

Information about education:

Diploma of Kazakh State University named after S.M. Kirov G-1 No. 234609 dated June 28, 1978.

Qualification "Chemist. Chemistry teacher"

Academic degree:

Candidate of Chemical Sciences. Diploma No. 013166 dated September 5, 1984.

Academic title:

Associate Professor at the Higher Attestation Commission. Certificate DC No. 0004139 dated May 19, 2000.

Professor KOKSNIVO. Professor's certificate dated July 10, 2025.

Pedagogical experience:

Scientific and pedagogical - 42 years. At VKU named after S. Amanzholov - 40 years.

Subjects taught:

Chemical Engineering

Analytical Chemistry

Analytical Control at Individual Stages of Metallurgical Production

Physicochemical Principles of Metallurgical Processes
Academic Writing Practice and Scientific Research Methodology
Chemometrics
Selected Chapters in Analytical Chemistry
Qualitative and Quantitative Analysis
Process and Equipment Technology
Analysis and Metrological Support of Raw Materials and Finished Products in Metallurgical Production
Chemometrics
Selected Chapters in Analytical Chemistry
Qualitative and Quantitative Analysis
Process and Equipment Technology
Analysis and Metrological Support of Raw Materials and Finished Products in Metallurgical Production

Scientific interests:

Chemical Engineering
Analytical Chemistry

Publications and articles:

1. Roza Aubakirova, Gulzhan Daumova, Natalya Seraya, Irina Afanasenkova. Sorption Extraction of Heavy Metal Ions from Wastewater by Natural and Synthetic Sorbents. Chemical Engineering Transactions, vol.81, 2020, p. 343-348.

<https://www.cetjournal.it/index.php/cet/article/view/CET2081058>.

2. R.A.Ramazanov, V.I.Samoilov, N.V.Seraya, R.A.Aubakirova, G.K.Daumova, E.M.Azbanbayev. Investigation of the kinetics of sulphuric acid leaching of zinc from calamine. Metalurgija (Zagreb, Croatia), 60 (2021) 1-2, p.113-116,

<https://hrcak.srce.hr/file/357489>.

3. R.A.Ramazanov, Mamyachenkov S.V., V.I.Samoilov, N.V.Seraya, R.A.Aubakirova, G.K.Daumova. Research of kinetics of zinc leaching with sulfuric acid from smithsonite.

Metalurgija (Zagreb, Croatia), 60 (2021) 3-4, p.407-410,

<https://hrcak.srce.hr/file/372287>.

4. Gulzhan Daumova, Natalya Seraya, Eldar Azbanbayev, Daulet Assanov, Galina Reutova, Roza Aubakirova. Utilization of Spent Sorbent in the Production of Ceramic Bricks.

Journal Chemengineering,6, p.82 -94, 2022, Basel, Zwtzeland,

<https://www.mdpi.com/1893784>.

5. M.S. Zharlikov, R.A/Aubakirova, G.K. Daumova, E.N. Ivashchenko, B.S. Saurbayeva, Sh. K. Sanyazova. Improving the assay-gravimetric Method for determining the content of noble metals. *Metalurgija* (Zagreb, Croatia), 62 (1), 2023, p. 115-118.
<https://hrcak.srce.hr/file/407983>.
6. Natalya Seraya, Vadim Litvinov, Gulzhan Daumova Nursultan Zhusipov, Zhanat Idrisheva, Roza Aubakirova. Production Waste Management: Qualitative and Quantitative Characteristics and the Calculation of the Hazard Class of Phosphogypsum.
Processes 2023, 11, 3033. <https://doi.org/10.3390/pr11103033>.
7. Sana K. Kabdrakhmanova, Ainur K. Kabdrakhmanova Esbol Shaimardan, Kydyrmolla Akatan, Madiar M. Beisebekov, R.A. Aubakirova., Bagadat S. Selenova, Aida Maussumbayeva, Sabu Thomas, and Tulegen M. Seilkhanov. Growth Stimulating and Fungicidal Properties of Succinic Acid Complexes with Silver, Copper and Boron Ions During Pre -Sowing Treatment of Soybean Seeds. *Engineered Science Eng. Sci.*, 2023, 26, 973.
DOI: <https://dx.doi.org/10.30919/es973>.
8. Natalya Seraya, Vadim Litvinov, Gulzhan Daumova, Maksat Shaikhov, Raigul Ramazanova Features of Ash and Slag Formation During Incomplete combustion of Coal from the Karazyra Deposit in Small – and Medium – Scale Power Plants. *Processes* 2025, 13, 2467, p. 1-21
<https://doi.org/10.3390/pr13082467>