

## PERSONAL INFORMATION

**Khalikova Zuhra Salavatovna**



📍 Republic of Kazakhstan, city of Karaganda, st. Universitetskaya, 28, KarU named after academician E.A. Buketova



✉ Khalikova1979@mail.ru



| **Date of birth:** 04/01/1979

## PLACE OF WORK, POSITION

KarU named after academician E.A. Buketova, associate professor

## SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Candidate of Chemical Sciences, Associate Professor

## WORK EXPERIENCE

### Place and date

-2005-2008: Karaganda State University, lecturer, senior lecturer of the Department of Chemical Technology and Ecology of the Faculty of Chemistry.

2008-present: Karaganda State University, Associate Professor of the Department of Chemical Technology and Petrochemistry, Faculty of Chemistry.

2011-2018 JSC "National Center for State Scientific and Technical Expertise", Astana (expert, concurrently).

2020 RSE "National Testing Center" of the Ministry of Education and Science of the Republic of Kazakhstan (expert, concurrently).

## EDUCATION AND PROFESSIONAL TRAINING

<b>Education</b>	<p>1997-2002 Karaganda State University named after I. E.A. Buketova. Specialty: "Applied Ecology"</p> <p>2002-2005 Postgraduate studies. KarSU named after E.A. Buketov Specialty: 02.00.04-Physical chemistry</p> <p>2007 - candidate of chemical sciences, specialty "Physical chemistry", 2010 - Associate Professor.</p>
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**Professional trainings,  
Scientific trips**

-Certificate of FPC KarSU named after E.A. Buketova No. 134010, 26.04.2011 "Chemistry of fine organic synthesis: Nanotechnology and new materials. Quantum theory of the structure of molecules. Impulse technologies and production of nanostructured materials with desired properties".

-Certificate of FPC KarSU named after E.A. Buketova No. 472011, 11/26/2011 "Methods of research of nanostructured materials"

-Certificate of completion of the Master Public training "Oratory in 2 days". Karaganda, 2016

-Certificate of FPC KarSU named after E.A. Buketova "Preparing a university teacher for training using distance educational technologies" 21.10-26.10.2019.

Certificate of completion of the advanced training course in the educational program "Innovative educational technologies in the educational process of higher education". July 14, 2023

**SKILLS  
DEVELOPMENT  
INFORMATION**

**PERSONNEL  
QUALITIES**

**Native language** Russian

LANGUAGE	UNDERSTANDING		SPEAKING	WRITING
	Hearing	Reading	Oral speech	
Kazakh	A2	A2	A2	A2
	<b>LANGUAGE CERTIFICATE:</b>			
English	<b>LANGUAGE CERTIFICATE:</b>			
German	<b>LANGUAGE CERTIFICATE:</b>			
Spanish	<b>LANGUAGE CERTIFICATE:</b>			
French	<b>LANGUAGE CERTIFICATE:</b>			

**Digital skills**

Advanced user: Microsoft office (Word, Excel, Power point), graphic editors (Coreldraw, Adobe photoshop, Adobe illustrator, Adobe photoshop lightroom). Knowledge of operating systems: Windows and los.

**Other skills (hobbies)**

Reading, internet sales

**ADDITIONAL  
INFORMATION**

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## Main publications

1. Кочегина Е.В., Абсат З.Б., Халикова З.С., Каримова А.Б. Термодинамическое и термографическое исследование процесса взаимодействия лисаковского гравитационно-магнитного концентрата с углеводородами. Наука и образование. МГТУ им. Н.Э. Баумана. -2015. -№6. –С.438-445.
2. Байкенов М.И., Халикова З.С., Абсат З.Б., Торайгыр Б.Б. Гидрогенизация тяжёлых нефтяных остатков в смеси с первичной каменноугольной смолой. Современные концепции научных исследований: Материалы XIV международной научно-практической конференции. -Москва, 2015. –С. 169-170.
3. Байкенов М.И., Халикова З.С., Кочегина Е.В., Рахимжанова Н.Ж., Кездикбаева А.Т. Влияние добавок железа на термическую деструкцию угля Шубаркольского месторождения //Химия твердого топлива. - 2016. - №5. С. 27-33. (DOI: 10.7868/S0023117716050030)
4. Baikenov M.I., Kochegina E.V., Rakhimzhanova N.Zh. Effect of iron additives on the thermal degradation of coal from the shubarkol deposit // Solid Fuel Chemistry.- 2016. - Vol.50. - No.5.-P. 300–305. Thomson Reuters /Web of Science. (DOI: 10.3103/S0361521916050037)
5. Байкенов М.И., Мейрамов М.Г., Халикова З.С. и др. Каталитическая гидрогенизация антрацена в этаноле. Химия твердого топлива. -№ 4. -2016. –С. 52-55. (DOI: 10.7868/S0023117716040022)
6. M. I. Baikenova , M. G. Meiramovb , Z. S. Khalikovaa , K. S. Ibishevс , B. Sh. Sarsembaevd, and A. Tusipkhan Catalytic Hydrogenation of Anthracene in Ethanol. Solid Fuel Chemistry. 2016, Vol. 50, No. 4, pp. 256–259. (DOI: 10.3103/S0361521916040029)
7. Байкенов М.И., Халикова З.С., Кочегина Е.В. и др. Этанол ортасында антраценнің каталитикалық гидрогенизациясы // Вестник Карагандинского университета. Серия Химия. – 2017. – №1(85). - С. 77-81.
8. M.Y. Baikenov, Khalikova Z.S. Chemistry of oil and gas Учеб. пособие. -Караганда: Изд-во КарГУ, 2016. -112 с.
9. Байкенов М.И. Кочегина Е.В. Халикова З.С., Абсат З.Б. Термическое разложение смеси гудрона с первичной каменноугольной смолой с добавками соединений железа // Химия твердого топлива – 2019. №2. – С. 37-45
10. Baikenov, M., I; Khalikova Z.S., Kochegina, E., V., Absat, Z. B., Karimova, A. B., Rakhimzhanova, N. Zh. Thermal Decomposition of a Mixture of Tar with Primary Coal Tar with the Additives of Iron Compounds // Solid Fuel Chemistry. – 2019. – Vol 53. - No.2. - P. 96-104.

**Индекс Хирша по базе Scopus – 1.**

### Participation in the implementation of scientific projects

2014-2015 Contractor on the topic funded by the Ministry of Education and Science of the Republic of Kazakhstan: "The influence of catalytic-hydrodynamic heating and the hydrogenation process on the nature of the products obtained from primary coal tar and coal."

2023 - Performer on the topic: Hydrometallization of oil shale and heavy fraction of low-temperature resin of JSC Shubarkol Komir".

### Membership in professional scientific organizations

### Awards and titles

### Courses

1. Chemistry and physics of oil, gas and coal
2. Chemistry of solid fuels
3. Environmental chemistry
4. Analysis of mineral raw materials
5. Technology of oil refining

### Professional and scientific interests

- Processing of hydrocarbons
- Coal chemistry

### SCIENTIFIC DATABASES IDENTIFIERS

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**Researcher ID:**

**ORCID ID:**

**RSCI:**

**Author ID Scopus:**