PERSONAL INFORMATION

RAKHIMZHANOVA NAZYM ZHANBYRBAEVNA

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

raximzhanova82@mail.ru

| Date of birth: 01/04/1982/

PLACE OF WORK, POSITION

KarU named after E.A. Buketova, Associate Professor of the Department of Chemical Technology and Petrochemistry

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

PhD in Chemistry

WORK EXPERIENCE

Place and date

2007-2008 Lecturer at the Department of Colloidal Chemistry, Chemical Technology and Ecology.
2008-2010 Senior Lecturer at the Department of Chemical Technology and Petrochemistry
From 2010 to the present time, Associate Professor of the Department of Chemical Technology and Petrochemistry.
Associate Professor of Departments
- 2021 - Member of the Council of the Faculty of Chemistry

EDUCATION AND PROFESSIONAL TRAINING

Education

- 1999-2004 - Karaganda State University named after academician E.A. Buketov, specialty - "Applied ecology", qualification - "Chemist. Ecologist."
- 2004-2007. - LLP "Institute of Organic Synthesis and Coal Chemistry of the Republic of Kazakhstan", Karaganda, specialty "02.00.03-Organic Chemistry", candidate of chemical sciences.

Professional trainings, Scientific trips

- 2009-2010 Certificate of completion of the course "Oil refining technology" FPC KarSU named after E.A. Buketova.
- - 2009-2010. Certificate of completion of the course "Chemistry of fine organic synthesis"; "Nanotechnology". Faculty of advanced training of the KarSU named after E.A Buketova
- - 2014-2015 Certificate of completion of the course under the advanced training program for teachers of pedagogical specialties of higher educational institutions of the Republic of Kazakhstan JSC "National Center for Advanced Studies" Orleu "(240 hours).
- - 2016-2017. Certificate of completion of the course "Innovative technologies in modern materials science and chemical technology" of the faculty of additional education, KarSU named after E.A. Buketova.

SKILLS DEVELOPMENT INFORMATION

PERSONNEL QUALITIES

Native language **Kazakh**

LANGUAGE	UNDERSTANDING		SPEAKING		WRITING
	Hearing	Reading	Oral speech		
Russian	C1	C1	C1	C1	C1

Digital skills

ADVANCED USER: MICROSOFT OFFICE (WORD, EXCEL, POWER POINT), GRAPHIC EDITORS (ADOBE PHOTOSHOP, ADOBE PHOTOSHOP LIGHTROOM), VIDEO EDITING SOFTWARE (MOVAVI). KNOWLEDGE OF OPERATING SYSTEMS: WINDOWS AND IOS.

Other skills (hobbies)

Swimming, reading books, traveling, astronomy

ADDITIONAL INFORMATION

Main publications

M.I. Baikenov, Z.B. Absat, Ye.V. Kochegina, Z.S. Khlikovs, A.B. Karimova, N.Zh. Rakhimzhanova. Effect of iron additives on the thermal degradation of coal from the shubarkol deposit // Solid Fuel Chemistry. – 2016. – V.5. - P. 300-305

2. Kh.B. Omarov, Z.B. Absat, S.K. Aldabergenova, N.Zh. Rakhimzhanova. Studying the process of deposition of antimony with calcium carbonate // Sixth International Conference South-West UniversityFaculty of Mathematics & Natural Sciences Blagoevgrad. – 2015. – P.466-470.
3. M.I. Baikenov, Z.B. Absat, Ye.V. Kochegina, Z.S. Khlikovs, A.B. Karimova, N.Zh. Rakhimzhanova. 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.
4. Kh.B. Omarov, Z.B. Absat, S.K. Aldabergenova, N.Zh. Rakhimzhanova. Studying the process of deposition of antimony with calcium carbonate.// ARPN Journal of Engineering and Applied Sciences – 2016. – V. 16. – P. 9941-9945.
5. Сатыбалдин А.Ж., Айтпаева З.К., Каримова А.Б., Рахимжанова Н.Ж. Квантово-химический расчет деструкции и гидрирования нефтяного асфальтена с помощью электрогидроимпульсных ударных волн// Sciences of Europe. – 2017. – V. 20. – P. 30-34.
6. Байкенов М.И., Татеева А.Б., Рахимжанова Н.Ж., Каримова А.Б. Наомаху көмір өндіру фракциясының сипаттамаларын зерттеу// Вестник КарГУ. Серия Хим. – 2016. – №1 (81). - С. 34-39.
7. Байкенов М.И., Халикова З.С., Кочегина Е.В., Рахимжанова Н.Ж., Каримова А.Б., Кездикбаева А.Т. Влияние добавок железа на термическую деструкцию угля Шубаркольского месторождения// Химия твердого топлива. - 2016. - №5. С. 27-33. DOI: 10.7868/S0023117716050030
8. Байкенов М.И. Сатыбалдин А.Ж., Айтпаева З.К. и др. Investigation of the influence of electrohydroimpulse technology on physico-chemical characteristics of oil sludges //Вестник КарГУ. Серия Хим. – 2017. – №3 (87). – С. 113-116.
9. Сатыбалдин А.Ж., Айтпаева З.К., Рахимжанова Н.Ж. и др. Исследование влияния электрогидроимпульсной технологии на физико-химические характеристики нефтяных шламов //Известия вузов Кыргызстана. – 2017. №6. – С.26-30.
10. Байкенов М.И., Сатыбалдин А.Ж., Рахимжанова Н.Ж., Айтпаева З.К. Основы волновой каталитической обработки твердого и тяжелого углеводородного сырья//Монография. - Караганда: ТОО Типография Арко, - 2017. – 148с.
11. M. I. Baikenova, E. V. Kochegina, Z. S. Khalikova, Absat Z.B., Karimova A.B. and other 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. DOI: 10.3103/S0361521919020034
12. Байкенов М.И., Кочегина Е.В., Халикова З.С., Каримова А.Б. Термическое разложение смеси гудрона с первичной каменноугольной смолой с добавками соединений железа// Химия твердого топлива. - 2019. - № 2. – С. 37-45. DOI: 10.1134/S002311771902003

The number of published scientific and educational-methodical works is more than 100, of which:

- in journals based on Scopus - 5;
- in logs on the Clarivate Analytics database - 20;
- in editions recommended by KOKSON MES RK - 33;
- in publications located in the RSCI database, including journals from the list of the Higher Attestation Commission, - 4;
- monographs (co-authored) - 1;
- textbooks, teaching aids, electronic textbooks (co-authored) - 4.

Scopus Hirsch Index - 2.
Clarivate Analytics Hirsch Index - 2.
Hirsch index according to the RSCI database -
Google Scholar Hirsch Index - 1.

Participation in the implementation of scientific projects

1. Development of technology for complex processing of copper electrolyte. (customer - MES RK, 2014-15. Researcher).

Courses

1. The main processes and devices of chemical technology,
2. Basics of designing and equipping pharmaceutical enterprises,
3. Colloidal chemistry,
4. Basics of metallurgy,
5. Fundamentals of equipment and plant design.

Professional and scientific interests

Petrochemistry; environmental chemistry; environmental chemistry; chemistry of industrial facilities; chemical technology, processes and devices in chemical technology, modeling of chemical processes, theory and technology of preparing raw materials for metallurgical processing, processing of minerals, disposal of metallurgical waste.

SCIENTIFIC DATABASES IDENTIFIERS

Researcher ID: https://publons.com/researcher/U-8736-2018/
ORCID ID: https://orcid.org/0000-0003-3555-3142
Идентификатор РИНЦ:
Author ID Scopus: 13607210000