

PERSONAL INFORMATION

ZHANIKULOV NURGALI NODYRULY



📍 Republic of Kazakhstan, Karaganda city, Universitetskaya street, 28, KarU named after E.A. Buketov.



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| Date of Birth: 14/10/1994.

PLACE OF WORK, POSITION

KarU named after E.A. Buketov, associate professor, Chair of Inorganic and Technical Chemistry

ACADEMIC DEGREE, ACADEMIC TITLES (ACADEMIC TITLES)

PhD

WORK EXPERIENCE

8 years

Place and date

- 09/02/2019 to 04/16/2020 chief specialist of the Department of Research Department of M. Auezov SKSU, Shymkent;
- 08/21/2020 to 03/25/2021 Deputy Director of the Institute of Postgraduate Education of the M. Auezov SKU, Shymkent;
- 03/26/2021 to 08/02/2021 Vice-Rector for Science and Innovation at University «ORDA», Shymkent;
- 01.09.2021 - 30.08.2023 - assistant professor of E. A. Buketov Karaganda University, Karaganda.
- Since 01.09.2023 associate professor of E. A. Buketov Karaganda University, Karaganda.

EDUCATION AND INTERNSHIPS

Education

- 2011-2015 - M. Auezov South Kazakhstan State University, bachelor, specialty 5B072000 - "Chemical technology of inorganic substances";
- 2015-2017 - M. Auezov SKSU, Master of Engineering and Technology, specialty 6M075300 - "Chemical technology of refractory non-metallic and silicate materials";
- 2017-2020 - M. Auezov South Kazakhstan University, PhD student of the specialty 6D072000 - "Chemical technology of inorganic substances";
- 2020 defended his thesis for the degree of PhD in the dissertation council "Chemistry and Chemical Technology" at the Al-Farabi Kazakh National University (order No. 4-4968 of 12/23/2020)

Internships, scientific trips

- 10/09/2016 - 10/19/2016 - Scientific internship at the Department of "Chemistry of Building Materials" at the Technical University of Munich, Munich, Germany.
- 03/31/2019 - 04/30/2019 - Scientific internship at the Department of Technology of Cement and Composite Materials at the V.G. Shukhov Belgorod State Technological University, Belgorod, Russian Federation.
- 01/13/2022 - 01/13/2023 - internship under the Bolashak program at M.V. Lomonosov Moscow State University, Moscow, Russian Federation.

DETAILS ABOUT PROFESSIONAL DEVELOPMENT

- Participation in the conference "2nd International conference on the Chemistry of construction materials conference", Munich, Germany (2016)

- Participation in the International Young Summit-2018, Tashkent, Uzbekistan (2018)
- Participation in the XXVI International Conference of students, graduate students and young scientists "Lomonosov - 2019", Moscow, Russian Federation (2019)
- Participation in the World Youth Forum - 2019, Sharm El Sheikh, Egypt (2019)
- Participation in the Congress of the International Union of Young Scientists within the framework of the International Youth Scientific Forum "Lomonosov - 2021" Moscow, Russian Federation (2021)

PERSONAL QUALITIES

Language skills Kazakh (fluent), Russian (fluent), English (PreIntermediate)
Native language Kazakh

Language name	UNDERSTANDING		SPEAKING		LETTER
	Hearing	Reading	Oral speech	Written speech	
Kazakh language	availability of a language certificate: Certificate No. 4727743 - level B1				
English language	availability of a language certificate: no				

Computer skills USER: MICROSOFT OFFICE (WORD, EXCEL, POWER POINT), STATISTICA 6.0; GRAPHIC EDITORS (CORELDRAW, ADOBE PHOTOSHOP)

Other skills (hobbies) Science, technology and technology of modern industries, analytical research, psychology

ADDITIONAL INFORMATION

Main Publications

The list of published scientific and educational works includes more than 80 publications, including: textbooks

Articles in the Scopus database

1 Khudyakova T.M., Kolesnikov A.S., Zhakipbaev B.E., Kenzhibaeva G.S., Kutzhanova A.N., Iztleuov G.M., Zhanikulov N.N., Kolesnikova O.G., Mynbaeva E. Optimization of Raw Material Mixes in Studying Mixed Cements and Their Physicomechanical Properties // Refractories and Industrial Ceramics. - 2019. Vol.60. - P.76-81. DOI:10.1007/s11148-019-00312-2

2 Zhanikulov N.N., Khudyakova T.M., Taimassov B.T., Sarsenbayev B.K., Dauletiarov M.S., Kolesnikov A.S., Karshygayev R.O. Receiving portland cement from technogenic raw materials of South Kazakhstan // Eurasian Chemico-Technological Journal. - 2019. Vol.21. - P.333-340. <https://doi.org/10.18321/ectj890>

3 Zhanikulov N.N., Taimasov B.T., Borisov I.N., Dzhanmuldaeva Zh.K., Dauletiarov M.S. Research on the obtaining of low energy cements from technogenic raw materials // Journal of Chemical Technology and Metallurgy. – Bulgaria. - 2020. Vol. 55, №4. – P. 814-823. https://dl.uctm.edu/journal/node/j2020-4/19_19-191_p_814-823.pdf

4 Kolesnikov A.S., Zhakipbaev B.Ye., Zhanikulov N.N., Kolesnikova O.G., Akhmetova E.K., Kuraev R.M., Shal A.L. Review of technogenic waste and methods of its processing for the purpose of complex utilization of tailings from the enrichment of non-ferrous metal ores as a component of the raw materials mixture in the production of cement clinker // Rasayan Journal of Chemistry. – 2021. Vol.14., No.2, - P.997-1005 <http://dx.doi.org/10.31788/>

5 Khudyakova T.M., Zhanikulov N.N., Kolesnikova O.G., Botabaev N.E., Kenzhibaeva G.S., Iztleuov G.M., Suigenbaeva A.Zh., Kutzhanova A.N., Ashirbaev H.A., Kolesnikova V.A. Low-basicity cement, problems and advantages of its utilization // Refractories and Industrial Ceramics. - 2021. Vol.62., No.4, - P.369-374. DOI:10.1007/s11148-021-00610-8

6 Kolesnikov A., Fediuk R., Zhanikulov N.N., Kolesnikova O., Zhakipbayev B., Kuraev R., Akhmetova E., Shal A. Processing of waste from Enrichment with the production of cement clinker and the extraction of zinc // Materials. 2022. Vol.15., iss. 324. - P.1-8. <https://doi.org/10.3390/ma15010324>

7 Kolesnikov A.S., Sapargaliyeva B.O., Bychkov A.Yu., Alferyeva Ya.O., Syrlybekkyzy S., Altybaeva Zh.K., Nurshakhanova L.K., Seidaliyeva L.K., Suleimenova B.S., Zhidebayeva A.E., Kolesnikova O.G., Zhanikulov N.N., Zhakipbaev B.Ye., Suleimenova T.N., Koshkarbayeva Sh.K., Suigenbayeva A.Zh. Thermodynamic modeling of the formation of the main minerals of cement clinker and zinc fumes in the processing of toxic technogenic waste of the metallurgical industry // *Rasayan Journal of Chemistry*. – 2022. Vol.15, No.3, - P.2181-2187. <http://doi.org/10.31788/RJC.2022.1536230>

Monographs:

8 Zhanikulov N.N., Zhakipbaev B.E., Daurenbekov K.K. Chemical technology of Portland cement production // Monograph. - Almaty: Lantar Trade LLP, 2022. - 187 p. ISBN 978-601-361-090-0 (in Russian)

9 Taimasov B.T., Zhanikulov N.N. Tutastyrgysh zattardyn chemiyalyk tekhnologisy - 2 // Laboratoriyalyk zhymystarga arналган adistemelik nusқауlyk, M. Auezov atyndagy OKMU. -2019. - Shymkent. – 2019. -83 bet. (in Kazakh)

10 Taimasov B.T., Khudyakova T.M., Zhanikulov N.N., Integrated use of natural and technogenic raw materials in the production of low-energy cements // Monograph, M. Auezov SKGU. - Shymkent. - 2017. P.205. ISBN 978-9965-07-350-2(in Russian)

Main Publications

The number of published scientific and educational works is more than 90, of which:

- in journals based on Scopus - 11;
- in publications recommended by CQAE MSHE RK - 21;
- in publications placed in the RSCI - 2 ;
- monographs (co-authored) – 4;
- teaching aids - 1;
- patents - 8;
- articles in int. conf. - 43

Hirsch index based on Scopus - 5.

Hirsch index based on Web of science - 4

- 2020-2022 Senior researcher of the grant scientific project of the Committee of Science of the Ministry of Education and Science of the Republic of Kazakhstan AR08053015 "Complex processing of tailings of the Balkhash concentrator and limestone by high-temperature synthesis with the production of cement clinker and associated extraction of zinc sublimes" (contract No. 97-2 dated 05/25/2020).

- 2015-2017 Specialist of the average qualification level of the grant scientific project of the Committee of Science of the Ministry of Education and Science of the Republic of Kazakhstan "Research of low-temperature processes of clinker formation in raw mixtures from non-traditional raw materials and industrial waste in order to create resource-saving technologies for special sulfate-resistant and road cements" (contract No. 339-20 13.05.2016).

- 2014-2015 Laboratory assistant of the grant scientific project of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan "Development of energy-saving technologies for the production of special oil well cements" (contract No. 417-5 dated 02.03.2015).

Participation in the implementation of scientific projects

- Member of the Association of Young Scientists-Teachers of the Republic of Kazakhstan (2020)

- Member of the Alliance of Young Scientists of the Republic of Kazakhstan (2019)

Membership in professional scientific organizations

Awarded with commendations:

Diploma II - degree at the Republican competition of research works of students, (2015)

Diploma II place of the Republican educational and methodological section in the specialty 6M075300-KhTTNiSM, (2017)

Diploma II place - in the regional competition of scientific and innovative projects "Zhas Galym - 2018", (2018)

Diploma - in the international scientific conference of students, graduate students and young scientists "Lomonosov-2019", in the Chemistry section, (2019)

Awards and titles

Courses

Sphere of professional and scientific interests

1. Modern technologies for the processing of mineral raw materials (Kazakh / Russian)
 2. Technology of inorganic nanomaterials (Kazakh / Russian)
 3. Inorganic chemistry (Kazakh / Russian)
- Actual problems of higher education;
 - Training of competitive specialists in the field of chemical technology of inorganic substances and silicate materials.

IDENTIFIERS OF SCIENTOMETRIC DATABASES

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