



Last name, first name, patronymic:

Tantybaeva Batima Smatayevna

Position (Department):

Associate Professor, Department of Chemistry

Information about education:

Öskemen Pedagogical Institute, 1978, Teacher of Chemistry and Biology

Academic degree:

Candidate of Pedagogical Sciences

Academic title:

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Pedagogical experience:

Total pedagogical experience – 47 years, including 32 years in higher education

Subjects taught:

- Theoretical Foundations of Inorganic Chemistry
- Chemistry of Elements
- Methods of Teaching Chemistry
- Methods of Solving Problems in Chemistry
- Atomic Structure and Periodicity
- Chemical Bonding and Structure of Matter
- Academic Writing
- Academic Writing Practice and Research Methodology
- System of Independent Work in Teaching Chemistry
- Methodology and Modern Technologies of Teaching General and Inorganic Chemistry
- Inorganic Chemistry
- Mathematical Theoretical Chemistry in Problem Solving
- Selected Chapters of Inorganic Chemistry

Scientific interests:

Methods of higher education teaching, solid fuels (brown coal, oil shale), natural sorbents

Publications and articles:

EFFECTIVE METHODS AND TECHNIQUES FOR TEACHING CHEMISTRY IN AN INCLUSIVE CLASSROOM	статья	Вестник Торайғыров университета, №2, 2022, 170-182 с. https://doi.org/10.48081/BFRH7055	0,75	A. E. Zarypkhanova
Получение модифицированного сорбента из гуминовых веществ бурого угля Кендырлыкского месторождения	статья	Вестник ВКТУ. №1 2023г. 204-211с. https://vestnik.ektu.kz/index.php/vestnik/article/view/406	0,44	Саурбаева Б.С.*, Иващенко Е.Н., Рамазанова Р.А., Тантыбаева Б.С., Болатқан Д.Қ., Акимбаева Н.О
Пән аралық байланыстарды іске асыра отырып химия сабақтарында STEM инновациялық әдістерін қолдану	мақала	Л.Н.Гумилев атындағы Еуразия Ұлттық университетінің хабаршысы, Педагогика, Психология, Социология сериясы 143№2 2023г. 212-220б. https://bulpedps.enu.kz/index.php/main/article/view/389	0,5	С.М.Кусайнова, А.Абылайхан, Б.К.Шаихова, А.А.Ережепекова
Получение комплексного соединения гуминовой кислоты с глицином(статья)	печатный	Вестник ВКТУ им Д.Серикбаева №2 2024 96-104 с. DOI 10.51885/1561-4212_2024_2_96	0.6	Саурбаева Б.С. *, Рамазанова Р.А., Жаманбаева М.К., Даутова З.С., Абишева Ж.С., Тажкенова Г.К., Иващенко Е.Н
Химия курсында аймақтық ерекшеліктерге байланысты білім берудің ерекшеліктері Вестник Академии педагогических наук Казахстана		№ 5 (91) 2019, стр 27-38.		ТантыбаеваБ.С., Даутова З.С., Шаихова Б.К., Оразова С.С.
.Исследование вещественного состава и обогатимости окисленной Свинцово-цинковой руды месторождения Жайрем		Вестник ВКТУ им Д.Серикбаева №2 2025 Страницы: 39-51 DOI: 10.51885/1561-4212_2025_2_39		Рамазанова Р.А., Шәймәрдан Н., Саурбаева Б.С., Тантыбаева Б.С., Мамяченков С.В.

Статьи в международных изданиях с ненулевым импакт-фактором

RESEARCH OF COMPONENT COMPOSITION AND		«Металлургия», Хорватия (скопус)	0,25	B.S. SAURBAYEVA, Y.N. IVASHCHENKO, R.A.
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CATALITIC REACTIVITY OF METALLURGICAL INDUSTRY SLAG		№1 2023 г. 29-32стр (процентил 37) https://hrcak.srce.hr/clanak/407947		RAMAZANOVA, S.K. KABDRAKHMANOVA
RESEARCH ON ZINC CONCTYTRATE DRESSING AT THE ZHEZKENT PROCESSING PLANT TO OBTAIN CONDITIONED CONCENTRATE		Металлургия», Хорватия (скопус) №2 2023 г. 275-278 (процентил 37) https://hrcak.srce.hr/file/419943	0,25	B.S. SAURBAYEVA, Y.N. IVASHCHENKO, R.A. RAMAZANOVA, S.K. M.K.ZHAMANBAYEVA
Comparative study of the physico-chemical properties of sorbents based on natural bentonites modified with iron (III) and aluminium (III) polyhydroxocations (article)	баспа	<i>Coatings</i> 2023 , 13(11), 1974; https://doi.org/10.3390/coatings13111974-20 (процентил 62)	0,81	Bakytgul Kussainova ¹ , Gaukhar Tazhkenova ¹ , Ivan Kazarinov ² , Aisha Nurlybayeva ³ , Anna Lamichova ² , Lyazat Kusepova ¹ , Togzhan Mashan ¹ , Batima Tantybayeva ⁴ , Bekzat Saurbayeva ⁵ , Gulnaziya Seitbekova ³ , Dilbar Kulbayeva ³ and Rabiga Kudaibergenova ^{3*}
Physico-Chemical Properties of Granular Sorbents Based on Natural Bentonite odified by Polyhydroxocations of Aluminum and Iron (III) by Co-Precipitation	мақала	<i>Molecules</i> 2025 https://doi.org/10.3390/molecules30010195	Cite Scor e 7,4 проц енти ль – 83	Bakytgul Kussainova ¹ , Gaukhar Tazhkenova ^{1,*} , Ivan Kazarinov ² , Marina Burashnikova ² , Raigul Ramazanova ³ , Yelena Ivashchenko ³ , Bekzat Saurbayeva ³ , Batima Tantybayeva ⁴ , Ainur Seitkan ⁵ , Gulsim Matniyazova ⁵ , Khalipa Sadiyeva ⁶ , Aisha Nurlybayeva ^{6,*} and Aidana Bazarkhankyzy ^{7,8}

Published Textbooks:

1. *Methods of Teaching Chemistry* – Tantybaeva B.S., Dautova Z.S., Orazova S.S., Shaikhova B.K. (textbook)
2. *Practicum on Theoretical Foundations of Inorganic Chemistry* – Shaikhova B.K.
3. *Learning to Solve Chemistry Problems* – Tantybaeva B.S., Dautova S.S., Shaikhova B.K. (study guide)
4. *Learning to Solve Problems* – Tantybaeva B.S., Dautova S.S., Shaikhova B.K. (study guide)
5. *Inorganic Chemistry Practicum* – Tantybaeva B.S., Dautova Z.S., Shaikhova B.K. (textbook)

6. *Methodology for Organizing Scientific and Technical Information* – Study guide. Karaganda: Medet Group, 2024, 109 pages, 7.5 printed sheets – Zhamanbayeva M.K.
7. *Inorganic Chemistry Practicum* – Textbook in Kazakh. “Berel” Publishing House, S. Amanzholov EKSU, 2023 – Shaikhova B.K., Dautova Z.S., Abilev M.B.
8. *Inorganic Chemistry Practicum* – Study guide. “Berel” Publishing House, S. Amanzholov EKSU, 2023 – A. Shakirova
9. *Methods of Teaching Chemistry* – Textbook. Karaganda: Medet Group, 2024, 15.875 printed sheets – Dautova Z.S., Orazova S.S.
10. *Methods of Solving Problems in General and Physical Chemistry* – Study guide. Karaganda: Medet Group, 2023/2024, 8.38 printed sheets – Dautova Z.S., Orazova S.S.
11. *Questions and Answers in Chemistry* – Study guide. Öskemen: “Berel” Publishing House, S. Amanzholov EKSU, 2024, 203 pages, 11.79 printed sheets – Orazova S.S.
12. *Chemistry, Grade 7 (Kazakh and Russian)* – E-textbook. Atamura Publishing House, 2023 – Usmanova M.B., Dautova Z.S., Popova M.V.
13. *Chemistry, Grade 8 (Kazakh and Russian)* – E-textbook. Atamura Publishing House, 2024 – Usmanova M.B., Dautova Z.S., Popova M.V.
14. *Chemistry, Grade 9 (Kazakh and Russian)* – E-textbook. Atamura Publishing House, 2024 – Usmanova M.B., Dautova Z.S., Popova M.V.
15. *Chemistry, Grade 11, Natural Sciences Track (Kazakh)* – E-textbook. Atamura Publishing House, 2024 – Usmanova M.B., Dautova Z.S., Popova M.V.

