

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

**List of scientific papers in international peer-reviewed scientific journals
included in the Scopus and Web of Science databases
Ozhikenov Kassymbek**

Author IDs:

Scopus Author ID: 55786062700

Web of Science Researcher ID: IEY-1847-2023

ORCID: <https://orcid.org/0000-0003-2026-5295>

№/ No	Title of the publication	Type of publication	Name of the journal, year of publication, DOI	The impact factor of the journal, quartile and field of science according to Journal Citation Reports for the year of publication	Index in the Web of Science Core Collection database	CiteScore of the journal, percentile and field of science according to Scopus data for the year of publication	Name of the authors (<u>underline the name of the applicant</u>)	The role of the applicant
1	2	3	4	5	6	7	8	9
1	Architecting the Orthopaedical Clinical AI Pipeline: A Review of Integrating Foundation Models	Review	Algorithms (MDPI), 2026, Vol. 19, No. 2, Article 99.	(2024) JIF 2.1,	ESCI	(2024) CiteScore 4.5,	Boltaboyeva A., Baigarayeva Zh., Imanbek B.,	Correspon ding author

«5» 03 2026 y.

Author of works

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education

Chief Scientific Secretary



(Handwritten signature)

K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

	and FHIR for Agentic Clinical Assistants and Digital Twins		https://doi.org/10.3390/a19020099			Mathematics: Numerical Analysis - 78 % процентиль	Amangeldy B., Tasmurzayev N., Ozhikenov K., Alimbayeva Zh., Alimbayev Ch., Karymsakova N.	
2	Non-Imaging Differential Diagnosis of Lower Limb Osteoarthritis: An Interpretable Machine Learning Framework	Article	Algorithms (MDPI), 2026, Vol. 19(1), Article 87. https://doi.org/10.3390/a19010087	(2024) JIF 2.1,	ESCI	(2024) CiteScore 4.5, Mathematics: Numerical Analysis - 78 % процентиль	Baigarayeva Zh., Boltaboyeva A., Imanbek B., Amangeldy B., Tasmurzayev N., Ozhikenov K., Ozhiken A., Alimbayeva Zh., Maeda-Nishino N.	Corresponding author
3	Architecting the Orthopaedical Clinical AI Pipeline: A Review of Integrating Foundation Models and FHIR for Agentic Clinical Assistants and Digital Twins	Review	Algorithms (MDPI), 2026, Vol. 19, No. 2, Article 99. https://doi.org/10.3390/a19020099	(2024) JIF 2.1,	ESCI	(2024) CiteScore 4.5, Mathematics: Numerical Analysis - 78 % процентиль	Boltaboyeva A., Baigarayeva Zh., Imanbek B., Amangeldy B., Tasmurzayev N., Ozhikenov K., Alimbayeva Zh., Alimbayev Ch., Karymsakova N.	Corresponding author

«5» 03 2026 y.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

10	Design issues of the concept of emergency monitoring and control system building	Article	News of the National Academy of Sciences of the Republic of Kazakhstan. Series of Geology and Technical Sciences, Vol. 1, №421, 2017, pp. 134–140.	–	–	CiteScore 0.0 Geotechnical Engineering and Engineering Geology – 6% процентиль	<u>Ozhikenov K.A.</u> , Mikhailov P.G., Aitimov M.J.	First author
11	Emerging Frontiers in Robotic Upper-Limb Prostheses: Mechanisms, Materials, Tactile Sensors and Machine Learning-Based EMG Control: A Comprehensive Review	Review	Sensors, 2025, 25(13), 3892. https://doi.org/10.3390/s25133892	(2024) JIF 3.5 Engineering , electrical & electronic – Q2	(2024) SCIE	(2024) CiteScore 8.2 Electrical and Electronic Engineering – 85% процентиль	Abdikenov B., Zholtayev D., Suleimenov K., <u>Ozhikenov K.</u> , Nadirov N., Kapsalyamov A	Co-author
12	Hospital- replacing technologies as an effective medical treatment form	Article	The European Journal of Public Health, Vol. 26, I 1, 2016. https://doi.org/10.1093/eurpub/ckw175.158	JIF 2.431 Public, environmental & occupational health –Q2	SCIE	–	<u>Ozhikenova A.K.</u> , Kurakbayev K.K., <u>Ozhikenov K.A.</u>	Co-author
13	Evaluation of economic efficiency and organization of	Article	The European Journal of Public Health, Vol.	JIF 2.431 Public, environmen	SCIE	-	<u>Ozhikenova A.K.</u> , Kurakbayev K.K., <u>Ozhikenov K.A.</u>	Co-author

« 5 » 03 2026 y.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

[Handwritten signature]

G.A. Burshukova

[Handwritten signature]

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

	medical aid to rural population in Kazakhstan		26, Issue 1, 2016, p. 337. https://doi.org/10.1093/eurpub/ckw174.013	tal & occupational health – Q2				
14	Analysis of the Structure and Calculation of Time for the Environmental Monitoring System with Multi-Parameter Sensors	Article	News of the National Academy of Sciences of the Republic of Kazakhstan. Series of Geology and Technical Sciences, Vol. 2, №422, 2017, pp. 149–156.	–	–	CiteScore 0.0 Geotechnical Engineering and Engineering Geology – 6% процентиль	Aitimov M.Zh., <u>Ozhikenov K.A.</u> , Aitimova U.Zh., Dauitbayeva A.O., Baimuratov O.A.	Co-author
15	Assessment of the effectiveness of the use of palladium in catalytic SHS-units for diesel engines	Article	News of the National Academy of Sciences of the Republic of Kazakhstan. Series of Geology and Technical Sciences, Vol. 4 (№424), 2017, pp. 142–147.			CiteScore 0.0 Geotechnical Engineering and Engineering Geology – 6% процентиль	Azamatov B.N., <u>Ozhikenov K.A.</u> , Azamatova Zh.K.	Co-author
16	Development measuring system for determining life-threatening cardiac arrhythmia in a patient's free activity	Article	Eastern-European Journal of Enterprise Technologies, 1/9 (103), 2020, pp. 12-	–	–	CiteScore 2.2 Control and Systems Engineering –	Alimbayev Ch., Alimbayeva Zh., <u>Ozhikenov K.</u> , Bodin O.,	Co-author

«5» 03 2026 y.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

			22.DOI: https://doi.org/10.15587/1729-4061.2020.197079			44% процентиль	Mukazhanov Y.	
17	Bionic Method for Controlling Robotic Mechanisms during Search and Rescue Operations	Article	International Journal of Mechanical Engineering and Robotics Research, Vol. 10, No. 3, March 2021, pp. 128–136. DOI: 10.18178/ijmerr.10.3.128-136	–	–	CiteScore 1.5 Control and Systems Engineering – 28% процентиль	Berdibayeva G., Bodin O., <u>Ozhikenov K.</u> , Berdibayev R.	Co-author
18	The feature of the autonomous robot for cleaning the floor in the bathroom	Article	Journal of Mathematics, Mechanics and Computer Science, 2022, Vol. 115, No. 3, pp. 91-100. DOI: https://doi.org/10.26577/JMMCS.2022.v115.i3.09	JIF 0.1	ESCI	-	Baratova A.B., <u>Ozhikenov K.A.</u> , Adilkhan A., Mussulmanbekova A.N., Zhumadillayev M.K., Tolebaev N.S.	Co-author
19	Development a novel design of miniaturized heptagonal Koch	Article	Eastern-European Journal of Enterprise Technologies, 2024,	–	–	CiteScore 2.4 Control and Systems	Kassym R., Balgynbek T., Serikov T.,	Co-author

«5» 03 2026 y.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



(Handwritten signatures in blue ink)

K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

	fractal wide band antenna for 5G mm wave and IoT applications		Vol. 3, No. 5(129), pp. 6–14. DOI: https://doi.org/10.15587/1729-4061.2024.306712			Engineering – 47% процентиль	<u>Ozhikenov K.</u> , Tlenshiyeva A., Yernazarov N.	
20	Development of an Ankle Exoskeleton: Design, Modeling, and Testing	Article	Sensors, 2025, Vol. 25, I 7, DOI: https://doi.org/10.3390/s25072020	(2024) JIF 3.5 Engineering , electrical & electronic – Q2	(2024) SCIE	(2024) CiteScore 8.2 Electrical and Electronic Engineering – 85% процентиль	Sergazin G., Ozhiken A., Zhetenbayev N., <u>Ozhikenov K.</u> , Tursunbayeva G., Nurgizat Y., Uzbekbayev A., Ayazbay A.A.	Co-author
21	Justification for Changes in the Design of the Rock Breaking Electromagnetic Hammer for Its Enhanced Efficiency	Article	News of the National Academy of Sciences of the Republic of Kazakhstan. Series of Geology and Technical Sciences, 2025, Vol. 2, pp. 70–83. https://doi.org/10.320	–	–	(2024) CiteScore 1.9 Geotechnical Engineering and Engineering Geology – 37% процентиль	Vassin K.A., Buktukov N.S., Aldiyarov N.U., <u>Ozhikenov K.A.</u> , Tkachenko O.N	Co-author

« 5 » 03 2026 y.

Author of works



K.A. Ozhikenov

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education




G.A. Burshukova

Chief Scientific Secretary



K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

			14/2025.2518-170X.491					
22	Correlation and Regression Analysis in Assessing the Relationship Between Water Indicators: a Brief Description of Long-Term Measurement Data from Biosensors	Article	Technology Audit and Production Reserves, 2025, Vol. 1, I 2, pp. 49–53. DOI: https://doi.org/10.15587/2706-5448.2025.323730	–	–	CiteScore 0.6	Yeldos A., Bazarbay L., <u>Ozhikenov K.</u> , Nakan U., Kalpeyeva Z.	Co-author
23	Wearable ECG Device and Machine Learning for Heart Monitoring	Article	Sensors 2024, 24, 4201. https://doi.org/10.3390/s24134201	JIF 3.5 Engineering , electrical & electronic – Q2	SCIE	CiteScore 8.2 Electrical and Electronic Engineering - 85% процентиль	Alimbayeva, Z.; Alimbayev, C.; <u>Ozhikenov, K.</u> ; Bayanbay, N.; Ozhikenova, A.	Co-author
24	Portable ECG Monitoring System	Article	International Journal of Advanced Computer Science and Applications (IJACSA), 13(4), 2022. http://dx.doi.org/10.14569/IJACSA.2022.0130408	JIF 0.9	ESCI	CiteScore 2.1 General Computer Science – 44% процентиль	Alimbayeva Zh.N., Alimbayev C.A., Bayanbay N.A., <u>Ozhikenov K.A.</u> , Bodin O.N., Mukazhanov Y.B.	Co-author

« 5 » 03 2026 y.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

[Handwritten signature]

G.A. Burshukova

[Handwritten signature]

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

25	Development of an atrioventricular block prediction of method for portable heart monitoring system	Article	Eastern-European Journal of Enterprise Technologies, 3(5 (117), 2022.P 15-27. https://doi.org/10.15587/1729-4061.2022.258791	–	–	CiteScore 2.1 Electrical and Electronic Engineering– 36% процентиль	Bekbay A., Alimbayeva Zh., Alimbayev C., Bayanbay N., <u>Ozhikenov K.</u> , Mukazhanov Y..	Co-author
26	Development of measuring system for determining life-threatening cardiac arrhythmias in a patient’s free activity	Article	Eastern-European Journal of Enterprise Technologies, 1(9 (103), 12– 22. 2020. https://doi.org/10.15587/1729-4061.2020.197079	–	–	CiteScore 2.2 Electrical and Electronic Engineering– 46% процентиль	Alimbayev, C., Alimbayeva, Z., <u>Ozhikenov, K.</u> , Bodin, O., & Mukazhanov, Y.	Co-author
27	Modeling the Dynamics of a Heavy-Duty Mobile Robot Based on Gauss's Principle of Least Constraint	Article	Journal of Applied and Computational Mechanics, 11, 4, P 946-960, 2025, DOI 10.22055/jacm.2024.47902.4833	(2024) JIF 3.4 Mechanics – Q2	(2024) ESCI	(2024) CiteScore 7.2 Computational Mechanics – 88% процентиль	Tuleshov A., Ozhiken A., <u>Ozhikenov K.</u> , Kuatova M., Ibrayev G., Gritsenko I., Kerimkulov D., Boltaboyeva A.	Co-author

« 5 » 03 2026 y.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

[Handwritten signature]

G.A. Burshukova

[Handwritten signature]

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

28	Design and Analysis of an Autonomous Active Ankle-Foot Prosthesis with 2-DoF	Article	Sensors 2025, 25, 4881. https://doi.org/10.3390/s25164881	(2024) JIF 3.5 Engineering , electrical & electronic – Q2	(2024) SCIE	(2024) CiteScore 8.2 Electrical and Electronic Engineering - – 85% процентиль	Akhmejanov, S, Zhetenbayev, N., Sultan, A., Zhauyt, A., Nurgizat, Y., <u>Ozhikenov, K.</u> , Ayazbay, A.A., Uzbekbayev, A	Co-author
29	Self-supervised learning with BYOL for anterior cruciate ligament tear detection from knee MRI	Article	MethodsX (Elsevier), Vol. 15, December 2025, 103664 https://doi.org/10.1016/j.mex.2025.103664	(2024) IF 1.9 Multidisciplinary sciences – Q2	(2024) ESCI	(2024) CiteScore 3.4 Multidisciplinary – 78%	Aidarkhan A., Mukhamediya A., Askhatova A., Beisembekova R., Alimbayeva Zh., <u>Ozhikenova A.</u> , <u>Ozhikenov K.</u> , Jamwal P.K.	Co-author
30	Review and Comparative Analysis of Modern Knee Prostheses with Development of a Conceptual Design	Article	Engineering Proceedings, Vol. 104, No. 1, 2025, 80. https://doi.org/10.3390/engproc2025104080	-	-	(2024) CiteScore 1.2 Electrical and Electronic Engineering – 27%	Sayat A., Nursultan Z., Yerkebulan N., Kassymbek O., Asset N. <u>Kassymbek, O</u>	Co-author
31	Research and Experimental Testing of a Remotely Controlled	Article	Sensors 2025, 25, 6784.	(2024) JIF 3.5	(2024) SCIE	(2024) CiteScore 8.2	Ozhiken, A.; Sergazin, G.;	Co-author

«5» 03 2026 y.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



K.A. Ozhikenov




G.A. Burshukova

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

	Ankle Rehabilitation Exoskeleton Prototype		https://doi.org/10.3390/s25216784	Engineering , electrical & electronic – Q2		Electrical and Electronic Engineering - – 85% процентиль	Ozhikenov, K., Wang, H.; Zhetenbayev, N.; Tursunbayeva, G.; Nurmangaliyev, A.; Uzbekbayev, A.	
32	Design Evolution and Experimental Validation of the AlmatyExoElbow Assisting Device	Article	Robotics 2026, 15, 12. https://doi.org/10.3390/robotics15010012	(2024) JIF 3.3, Robotics – Q2	(2024) ESCI	(2024) CiteScore 7.7 Control and Optimization – 92% процентиль	Bizhanov, D.; Ceccarelli, M.; Ozhikenov, K.; Zhetenbayev, N.	Co-author

«5» 03 2026 y.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



(Handwritten signatures and lines)

K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

List of scientific works
Ozhikenov Kassymbek

№ п/п	Title of the publication	Nature of the publication	Publication details	number of pages	Coauthors
1	2	3	4	5	6
Articles in publications recommended by the Committee for Quality Assurance in the Field of Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan					
1	Modeling the temperature control system of heater in composite material	Printed	Доклады НАН РК. – Алматы, 2014. – №3. – С. 46–50. ISSN 2224-5227	5	Ozhikenov K.A., Utebayev R., Baimbetova Zh.
2	Modeling the remote control system of traffic light through computer	Printed	Доклады НАН РК. – Алматы, 2014. – №3. – С. 51–54.	4	Ozhikenov K.A., Utebayev R., Isimova A.
3	Механические и тепловые деформации в микромеханических структурах сенсорных элементов	Printed	Известия НАН РК. – 2014. – №4. – С. 497–501.	6	Михайлов П.Г., Ожикенов К.А.
4	Технологии формирования и контроля неразъемных соединений кремния и стекла в микромеханических узлах и измерительных модулях интеллектуальных датчиков	Printed	Вестник НАН РК. – 2014. – №4. – С. 20–25.	6	Ахметов Б.С., Михайлов П.Г., Ожикенов К.А.

«5» 03 2026 у.

Author of works

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education

Chief Scientific Secretary



K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

5	Использование обратных преобразователей в микроэлектронных датчиках	Printed	Вестник НАН РК. – 2014. – №6. – С. 22–26.	5	Ожикенов К.А., Михайлов П.Г., Касимов А.О., Скотников В.В.
6	Общие вопросы моделирования компонентов и структур микроэлектронных датчиков	Printed	Вестник НАН РК. – 2014. – №6. – С. 27–34.	8	Ожикенов К.А., Михайлов П.Г., Касимов А.О., Петрин В.А., Маринина Л.А.
7	Вопросы обеспечения временной стабильности датчиков физических величин	Printed	Известия НАН РК. Серия физико-математическая. – 2015. – №3. – С. 191–198.	8	Ожикенов К.А., Михайлов П.Г., Рахимжанова П., Абдикулова З.
8	Блок стабилизации динамики управления приводами каротажной станции	Printed	Вестник КазНТУ. – 2015. – №4(110). – С. 396–401.	6	Ожикенов К.А., Кудайбергенова З.А.
9	Моделирование размерных цепей датчиков давления	Printed	Доклады НАН РК. – 2015. – №5. – С. 27–35.	9	Ожикенов К.А., Михайлов П.Г., Тулешов Е.А., Исмагулова Р.С., Айтжанова Г.Д.
10	Исследование адаптивных алгоритмов управления роботом-манипулятором	Printed	Вестник КазНТУ. – 2016. – №6. – С. 74–84.	11	Ожикенов К.А., Адилов А.И.,

« 5 » 03 2026 у.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

[Handwritten signature]

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

					Куатканова Ж.Е., Баянбай Н.А.
11	Мультиагентное управление полетом строя беспилотного летательного аппарата	Printed	Вестник КазННТУ. – 2016. – №6. – С. 57–64.	8	Баянбай Н.А., Ожикенов К.А., Куатканова Ж.Е., Адилов А.Е., Жалел Б.
12	Алгоритмы синхронизации функционирования группы роботов-манипуляторов	Printed	Вестник КазННТУ. – 2016. – №6. – С. 71–74.	4	Бекбай А.Т., Алдияров Н.У., Ожикенов К.А.
13	Алгоритм синхронизации группировки спутников на орбите Земли	Printed	Вестник КазННТУ. – 2016. – №6. – С. 89–92.	4	Ожикенов К.А., Адилов А.И., Куатканова Ж.Е., Баянбай Н.А.
14	Микроэлектрондық интеллектуалды датчиктердегі өлшеуіш модульдерді және сезімтал элементтерді диагностикалау мен бақылаудың мәселелерін зерттеу	Printed	Вестник КазННТУ. – 2016. – №6. – С. 299–303.	5	Өжікенов Қ.Ә., Михайлов П.Г., Күшегенова Ж.Қ., Айтимов М.Ж.
15	Сенсорлық элементтердің микромеханикалық құрылымдарындағы механикалық және жылулық деформациялары	Printed	Вестник КазННТУ. – 2016. – №5. – С. 497–501.	5	Өжікенов Қ.Ә., Михайлов П.Г., Күшегенова Ж.Қ., Айтимов М.Ж.

«5» 03 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education




G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

16	Физикалық шама датчиктерінің тұрақтылығын қамтамасыз ету мәселелері	Printed	Вестник КазННТУ. – 2016. – №6. – С. 116–122.	7	Өжікенов Қ.Ә., Михайлов П.Г., Күшегенова Ж.Қ., Айтимов М.Ж.
17	Оңтайлы реттеуіштерді аналитикалық құрамдастыру арқылы электродинамикалық стендтің динамикалық сипаттамасын жақсарту	Printed	ҚазККА Хабаршысы, № 4 (103), 2017, б 63–69	7	Қабдолдина Ә.О., Қ.А. Ожикенов, П.Г. Михайлов, Ж.Р. Уалиев
18	Электродинамикалық стендтердің автоматтандырылған адаптивті жүйелерін тұрақтандыру	Printed	ҚазҰПУ хабаршысы. Физика-математика ғылымдары сериясы. – 2017. – №3(59). – С. 176–180.	5	Қабдолдина Ә.О., Михайлов П.Г., Ожикенов Қ.А., Қабдолдина Н.О., Уалиев Ж.Р.
19	Өлшегіш түрлендірушілердің метрологиялық модельдері	Printed	ҚазҰПУ хабаршысы. Физика-математика ғылымдары сериясы. – 2017. – №4(60). – С. 142–146.	5	Қабдолдина Ә.О., Михайлов П.Г., Ожикенов Қ.А., Оралканова К.О., Уалиев Ж.Р.
20	Машиналық оқыту әдісінің көмегімен жүрек ауруын болжау	Printed/ electronic	Вестник КазАТК, (2022). 123(4), С 191–199. https://doi.org/10.52167/1609-1817-2022-123-4-191-199	8	Алимбаева, Ж., Еркебай, А., Ожикенова, А.
21	Модули связи системы управления БПЛА предназначенной для ЧС	Printed/ electronic	Вестник КазАТК, 2022, 123(4), С 209–216. https://doi.org/10.52167/1609-1817-2022-123-4-209-216	7	Баянбай, Н., Ожикен, А., Ахмедова, Д.

«5» 03 2026 у.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

[Handwritten signature]

G.A. Burshukova

[Handwritten signature]

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

22	Comparison of machine learning algorithms for diagnosing diabetes	Printed/ electronic	Вестник НИА РК. 2024. No 3 (93), https://doi.org/10.47533/2024.1606-146X.46	9	Ch. A. Alimbayev, Zh. N. Alimbayeva, Zh. S. Orynbay, Y. A. Igembay
23	An early warning system for hospitals using a wearable ECG device and machine learning	Printed/ electronic	Вестник КазАТК, 135(6), С 383–392. 2024. https://doi.org/10.52167/1609-1817-2024-135-6-383-392	10	Alimbayeva, Z., Alimbayev, С., Akhmedova, D., Ualieva, Z
24	Архитектура платформы медицинской реабилитации	Printed/ electronic	Известия НАН РК. Серия физико-математическая, (2), С 140–154. 2025 https://doi.org/10.32014/2025.2518-1726.349	14	Карымсакова Н., Бейсембекова, Р., Болысбек М.
25	Манипулятор үшін беріктілігі жоғары басқарудың адаптивті жүйесін әзірлеу	Printed/ electronic	Вестник КазАТК., 2025/4/5, Том 137, №2, С 133-141 https://doi.org/10.52167/1609-1817-2025-137-2-133-141	8	Өжікен А., Тулешов А., Рысбек И., Кәрім Ә.
26	Судың сапа көрсеткіштеріне температураның әсерін бағалау моделін әзірлеу	Printed/ electronic	Вестник КазАТК., 2025, Том 136, №1, С 336-345 https://doi.org/10.52167/1609-1817-2025-136-1-336-345	9	Лашин Б., Алтай Е., Тұрдалыұлы М.
27	Adaptive motion control system for a manipulator	Printed/ electronic	Вестник Национальной инженерной академии Республики Казахстан, 2025, Т. 95, № 1, С. 160–169.	10	A. Ozhiken, A. Tuleshov, N. Kanatuly

« 5 » 03 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education




G.A. Burshukova

Chief Scientific Secretary



K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

			https://doi.org/10.47533/2025.1606-146X.17		
28	Advancing Orthopaedic Imaging: Self-Supervised Vision Transformers for 3D Reconstruction of Knee Magnetic Resonance Imaging	Electronic	Traumatology and Orthopaedics of Kazakhstan. – 2025. – No. 6 (76). – Article jto027. DOI: https://doi.org/10.52889/1684-9280-2025-76-6-jto027	8	Bekbolat A., Ozhikenov K., Beisembekova R., Mussina D., Alimbayev Ch., Imashev N..
29	Design and 2of a Robotic Prototype for Ankle Rehabilitation	Electronic	Traumatology and Orthopaedics of Kazakhstan. – 2025. – Vol. 76, No. 5. – Article jto021. DOI: https://doi.org/10.52889/1684-9280-2025-76-5-jto021	8	Ozhikenov K., Shylmyrza U., Ozhiken A., Karasheva M., Askarov B., Mussina D.
30	AI-Driven Smart Wearable Systems for Personalized Rehabilitation Monitoring	Electronic	Traumatology and Orthopaedics of Kazakhstan. – 2025. – Vol. 76, No. 4. – Article jto010. DOI: https://doi.org/10.52889/1684-9280-2025-76-4-jto010	10	Beisembekova R., Aidarova T., Boltaboeva A., Imanbek B., Ozhikenov K., Karymsakova N.
Patents					
31	Способ и система оптимизации лечебно-диагностической медицинской помощи, Патент на изобретения		Евразийский патент на изобретение № 042718, 2023.03.17		Бейсембетов И.К., Бодин О.Н., Сафронов М.И.,

«5» 03 2026 у.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

				Ожикенова А.К., Махонин В.Е., Зикирбай К.Е.
32	Кардиоанализатор, Патент на изобретения		Евразийский патент на изобретение № 042078, 2023.01.11	Омарбеков Б.О., Туякбаев А.А., Ожикенова А.К., Зикирбай К.Е., Баянбай Н.А., Егембай Е.А., Сейткасымов Т.С., Бекбай А.Т.
33	Способ получения азота, Патент на полезную модель		Патент РК на полезную модель № 8560 от 09.02.2024	Туякбаев А.А., Ожикенова А.А., Бектилезов А.Ю., Баянбай Н.А., Базарбай Л., Туякбаев Д.А., Игембай Е.А., Шылмырза У.Ж.
34	Уровнемер, Патент на Полезную модель		Патент РК на полезную модель № 8095 от 23.02.2024	Туякбаев А.А., Баянбай Н.А., Базарбай Л., Туякбаев Д.А., Игембай Е.А.,

«5» 03 2026 у.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



K.A. Ozhikenov




G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

				Шылмырза У.Ж., Толеуханова М.М., Якупов А.А.
35	Method of providing data relating to the patients of medical institution		Patent for the invention of the Russian Federation RU2586854-C1, 10.06.2016 (Web of Science, Derwent Innovations Index, 2016-371470)	Bodin O.N., ets.
36	Комплекс для измерения высоты на воздушных судах		Удостоверение автора на полезную модель № 96351, 2016	Туякбаев А.А., Байбатырова А.С., Кушегенова Ж.К., Туякбаев Д.А.
37	Method for automatically determining geometric parameters of heart and torso of patient according to fluorographic images and visualization		Patent for the invention of the Russian Federation RU2016119077-A; RU2639018-C2, 19.12.2017 (Web of Science, Derwent Innovations Index, 2017-86745M)	Bodin O.N., ets.
38	Method of rendering emergency cardiac care selecting method for providing emergency cardiac care		Patent for the invention of the Russian Federation RU2644303-C1, 08.02.2018 (Web of Science, Derwent Innovations Index, 2019-88409X)	Bodin O.N., ets.
39	Комплекс для оказания экстренной медицинской помощи		Удостоверение автора на полезную модель № 3413, 2018	Тулешов А.К., Туякбаев А.А., Ожикенова А.К., Ожикен А.К. и др

«5» 03 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education



G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

40	Способ получения поликристаллического кремния из фосфорного шлака		Патент на полезную модель № 4730, 2019	Туякбаев А.А., Ожикен А.К., Тулешов Е.А. и др.
41	Способ для сохранения полетной информации в случае аварийного падения летательного аппарата		Патент на полезную модель № 4738, 2019	Тулешов А.К., Туякбаев А.А., Ожикен А.К., Тулешов Е.А. и др.
42	Search and rescue method includes exploration, searching for victims, minimizing levels of striking factors		Patent for the invention of the Russian Federation RU2694528-C1, 16.07.2019 (Web of Science, Derwent Innovations Index, 2019-71643H)	Bodin O.N., Bayanbai N., Berdibaeva G.K., ets.
43	Neural network analysis method of cardiac condition has electrocardiographic examination of a patient in screening or emergency and emergency care		Patent for the invention of the Russian Federation RU2704913-C1, 31.10.2019 (Web of Science, Derwent Innovations Index, 019-A05882)	Bodin O.N., Alimbaeva Zh.N., ets.
44	Method of organizing provision of medical care, involves adjusting parameters of optimal individual treatment regimen, identifying deviations and forming corrective effects to minimize deviations		Patent for the invention of the Russian Federation RU2018133887-A, 25.03.2020 (Web of Science, Derwent Innovations Index, 2020-39490C)	Bodin O.N., Alimbaev Ch.A., ets.
45	Method and system for bionic control of robotic devices has electroencephalographic signal analysis channel		Patent for the invention of the Russian Federation RU2759310-C1, 05.03.2022 (Web of Science, Derwent Innovations Index, 2021-D4809R)	Bodin O.N., Berdibaeva G.K., ets.

« 5 » 03 2026 у.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

46	Установка досмотра		Патент на полезную модель № 5458, 2021	Кенжалиев Б.К., Туякбаев А.А., Ожикенова А.К., Ожикенов Д.А. и др.
47	Комплекс с манипулятором для автоматического закаливания изделий из железа		Патент на полезную модель № 5981, 2021	Омарбеков Б.О., Туякбаев А.А., Ожикен А.К. и др.
48	Система автоматического управления для закаливания изделий из железа		Патент на полезную модель № 6014, 2021	Тулешов А.К., Туякбаев А.А., и др.
49	Способ получения медицинского кислорода		Патент на полезную модель № 6093, 2021	Омарбеков Б.О., Туякбаев А.А., Ожикенова А.К. и др.
50	Комплекс для контроля за концентрациями вредных примесей в сточных водах		Патент на полезную модель № 6368, 2021	Михайлов П.Г., Туякбаев А.А., Ожикенова А.К., Ожикен А.К. и др.
51	Кардиоанализатор		Патент на полезную модель № 6371, 2021	Омарбеков Б.О., Туякбаев А.А., Ожикенова А.К. и др.

«5» 03 2026 у.

Author of works

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education

Chief Scientific Secretary



K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

52	Способ рекуперативного торможения электромобиля		Патент на полезную модель № 6548, 2022	Туякбаев А.А., Бигалиева Ж.С. и др.
53	Умная розетка		Патент на полезную модель № 6549, 2022	Омарбеков Б.О., Туякбаев А.А., Ожикенова А.К. и др.
54	Способ дезинфекции		Патент на полезную модель № 7376, 2022	Туякбаев А.А., Ожикенова А.К. и др.
55	Способ отображения кровеносных сосудов пациента на компьютере		Патент на полезную модель № 7380, 2022	Туякбаев А.А., Ожикенова А.К. и др.
56	Способ адаптивной фильтрации электрокардиосигнала		Евразийский патент № 039701, 2022	Бодин О.Н., Сафронов М.И., Омарбеков Б.О., Ожикенова А.К., Алимбаев Ч.А., Алимбаева Ж.Н., Баянбай Н.А.
57	Система оптимизации лечебно-диагностической медицинской помощи		Патент РК на изобретение № 35734, 2022	Бейсембетов И.К., Бодин О.Н., Сафронов М.И., Ожикенова А.К.,

«5» 03 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education



G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

				Алимбаев Ч.А., Алимбаева Ж.Н.
58	Способ адаптивной фильтрации электрокардиосигнала		Патент РК на изобретение № 35733, 2022	Бодин О.Н., Сафронов М.И., Омарбеков Б.О., Ожикенова А.К., Алимбаев Ч.А., Алимбаева Ж.Н., Баянбай Н.А.
59	Устройство для измерения уровня раздела двух жидких сред.		Патент на полезную модель №8403. 2023.	Туякбаев А.А., Ожикенова А.К., Бактыбаев М.К., Бердибаева Г.К. и др.
60	Способ нейросетевого анализа состояния сердца		Евразийский патент на изобретение № 043917, 2023	Алимбаева Ж.Н., Бодин О.Н. и др.
61	Способ контроля за качеством масла вертолетных двигателей		Патент на полезную модель № 9245, 2024	Туякбаев А.А., Бердибаева Г.К. и др.
62	Система для определения качества воды		Патент на полезную модель № 10046, 2025	Туякбаев А.А., Ожикенова А.К., Бактыбаев М.К. и др.

«5» 03 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education




G.A. Burshukova

Chief Scientific Secretary



K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

Articles published in other scientific journals and publications					
63	Портативный мобильный кардиоанализатор для дистанционного мониторинга ЭКГ	Electronic	«Научно-практический электронный журнал Аллея Науки» №5(44) 2020	16	Махонин В.Е., Бодин О.Н.,
64	Стабилизация динамических характеристик в системе следящих приводов	Printed	Материалы Международной научно-технической конференции «Автоматический контроль и автоматизация производственных процессов», Минск, 17–18 мая 2012 г. – Мн.: БГТУ, 2012. – 372 с.	372	Тулешов А.К.,
65	Применение адаптивного параметрического регулятора по положению к изменяющейся нагрузке при управлении электроприводом	Printed	Фундаментальные и прикладные проблемы науки. Труды VII международного симпозиума. – М.: РАН, 2012.	-	Тулешов А.К.,
66	Проектирование адаптивно управляемых электроприводов	Printed	Материалы III Международной научно-практической конференции «Информатизация общества». Астана, 28–30 июня 2012 г. — Астана: ЕНУ им. Л. Н. Гумилёва, 2012. — С. 487–489.	3	-
67	Имитационное моделирование адаптивно управляемых электроприводов	Printed	«Теория моделей и алгебра»: Материалы Международной научной конференции, посвящённой памяти и 70-летию д.ф.-м.н., профессора Т.Г.	2	-

«5» 03 2026 у.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

[Handwritten signature]

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

			Мустафина. — Караганда, 2012.— С. 100–101.		
68	The Dynamical Processes Adaptive Stabilization in the Robot Electric Drives Control System	Electronic	International Journal of Experimental Education. Impact factor РИНЦ = 0,532. — Issue 2. — 2013. — pp. 63–65.	3	Tuleshov A.K., Ozhiken A.K.
69	Жамбас сүйегі мойынының сынықтарын хирургиялық емдеу барысында құрылған «сынық-бекіткіш» биомеханикалық құрылымын зерттеу	Printed	Поиск-Изденіс. – №2(1). – Алматы, 2013. – 300–302 б.	3	Түгелбаева Ж.Е.
70	Статикалық пен функционалдық жүктемелері бар «эндопротез-сүйек цементі-жамбас сүйегі» жүйесінің механикалық қасиеттерін зерттеу	Printed	Поиск-Изденіс. – №2(1). – Алматы, 2013. – 214–216 б.	3	Жарасова А.М.
71	«Имплантант-омыртқаның бел бөлігі-жамбас» жүйесін бекіту кезіндегі кернеулік-деформациялық жағдайын зерттеу	Printed	Поиск-Изденіс. – №1(2). – Алматы, 2013. – 243–246 б.	4	Нұрбекқызы Т.
72	«Жамбас сүйегі-эндопротез» жүйесінің жамбас буынын протездеуден кейінгі өзара әрекеттесуін биомеханикалық модельдеу	Printed	Поиск-Изденіс. – №2(2). – Алматы, 2013. – 248–251 б.	4	Шортанбаева Ә.Ә.
73	«Сүйек-бекіткіш» биомеханикалық құрылымының беріктігін тәжірибелік жолмен зерттеу	Printed	Қазақстан жоғары мектебі – Высшая школа Казахстана. – №2(2). – Алматы, 2013. – 235–237 б.	3	Түгелбаева Ж.Е.

«5» 03 2026 у.

Author of works

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education

Chief Scientific Secretary



K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

74	Dynamic Control stabilizing in Manipulator Drives' System	Printed	Известия НАН РК. – Алматы, 2013. – №5. – pp. 28–33.	6	-
75	Композиттік материалдағы қыздырғыштың температурасын басқаратын жүйені модельдеу	Printed	Вестник КазНТУ. Раздел механики машиностроения. – №2. – Алматы, 2014. – С. 131–136.	6	Утебаев Р.М., Баймбетова Ж.М.
76	Бағдаршамды компьютер арқылы алыстан қолмен басқару жұмысын модельдеу	Printed	Вестник КазНТУ. Раздел механики машиностроения. – №3. – Алматы, 2014. – С. 256–259.	4	Утебаев Р.М., Исимова А.Т.
77	Исследование вопросов диагностики и контроля чувствительных элементов и измерительных модулей микроэлектронных интеллектуальных датчиков	Printed	Доклады НАН РК. – Алматы, 2014. – №4. – С. 35–40.	6	Михайлов П.Г., Касимов А.О.
78	Оттегі станциясының компрессорлық қондырғысын автоматты басқаратын жүйе	Printed	Поиск-Изденіс. – №2(3). – 2014. – С. 69–73.	5	Лебаева Б.
79	Оттегі станциясының компрессорлық қондырғысындағы қысымды ұстайтын жүйе	Printed	Поиск-Изденіс. – №2(3). – 2014. – С. 143–146.	4	Атантаева Ж.А., Лебаева Б.А.
80	Емдеу-алдын алу мекемелеріндегі орталықтандырылған медициналық оттегі газымен қамту жүйесінің және адсорбциялық бағандағы қысымды басқару блогы	Printed	Дәрігер, логопед және психолог балабақшада және мектепте. – №2–3 (64). – 2014. – С. 14–16.	3	Сержанқызы Ә., Далбанбай А.

«5» 03 2026 у.

Author of works

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

G.A. Burshukova

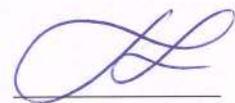
K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

81	Автоматизация процесса каротажа на базе современной информационной и компьютерной техники	Printed	Поиск-Изденіс. – №2(3). – 2014. – С. 308–311.	4	Аленова Р.А.
82	Применение современной информационной технологии при разработке и проектировании снаряда каротажной станции	Printed	Труды Международного форума «Инженерное образование и наука в XXI веке: Проблемы и перспективы», посвященной 80-летию КазНТУ имени К.И. Сатпаева. – Т.2. – Алматы, 22–24 октября 2014 г. – С. 304–308.	5	Утебаев Р.М., Нурпеисова Д.А., Колтун Н.А., Өжікен А.К.
83	Жоғары білім беруді жаңа технологияға көшіру – заман талабына сай білікті маман даярлаудың кепілі	Printed	Қазақстан жоғары мектебі – Высшая школа Казахстана. – №1. – 2015. – С. 39–41.	3	Исмагулова Р.С.
84	Узлы и компоненты микроэлектронных датчиков	Printed	Известия Южного федерального университета. Технические науки. – 2015. – №3 (164). – С. 184–193.	10	Михайлов П.Г., Касимов А.О., Аналиева А.У.
85	Оттегі станциясындағы адсорбциялық бағанындағы қысымды басқару блогы	Printed	«Қазақстанның жаңа экономикалық саясатын таратуда жас ғалымдардың орны мен рөлі», Халықаралық Сәтбаев оқуларының еңбектері. – IV том. – 2015. – Б. 331–336.	6	Саутова А.Х.
86	Исследование нелинейных алгоритмов управления активным магнитным подвесом	Electronic	European science. – Россия. – Impact factor РИНЦ=0,21. – 2015. – №3(4). – С. 6–10.	5	Асет М.

«5» 03 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education




G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

87	Особенности измерения и контроля геометрических параметров элементов и узлов датчиков физических величин	Electronic	Измерение. Мониторинг. Управление. Контроль. – Impact factor РИНЦ=0,115. – 2015. – №1(11). – С. 36–43.	8	Михайлов П.Г.,
88	Вопросы конструирования датчиков для измерения давления высокотемпературных сред	Electronic	Измерение. Мониторинг. Управление. Контроль. – Impact factor РИНЦ=0,115. – 2015. – №2(12). – С. 10–18.	9	Михайлов П.Г., Сазонов А.О.,
89	Studing the High-Temperature Sensor Element and the Structure of Measuring	Electronic	Bulletin of the National Academy of Sciences of the Republic of Kazakhstan. – 2015. – Issue 5. – P. 37–47.	11	Mikhailov P.G., Tuleshov E.A., Ismagulova R.S., Aitzhanova G.D.
90	Modelling the Mobile Logging Station and the Drive Control of Sensor Withdrawable	Printed	Proceedings of 2015 International Conference on Informatics, Control and Automation (ICA 2015). 2015.	-	Tuleshov A., Utebayev R., Tuleshov E., Ozhiken A.
91	Concept of emergency medical care / Концепция оказания экстренной медицинской помощи пострадавшим в чрезвычайных ситуациях	Printed	Bulletin of the Russian Military Medical Academy. — Организация здравоохранения. — 2015. — №3 (51). — С. 143–147. (Impact factor РИНЦ = 0,375)	5	O.N. Bodin; A.K. Ozhikenova; A.S. Sergeenkov; S.A. Usembaeva
92	Simulation of the Control System Withdrawable Sensor Logging Stations	Printed	Совместный выпуск по материалам международной научной конференции «Вычислительные	11	Utebaev R.M., Ismagulova R.S.,

«5» 03 2026 у.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

			технологии в науке, технике и образовании» (CITech-2015), 24–27 сентября 2015 г. — Вычислительные технологии, т. 20; Вестник КазНУ, №3(86), ч. IV. — С. 178–188.		Ozhiken A.K., Aitzhanova G.D.
93	Разработка методов неразрушающего контроля и диагностики чувствительных элементов и измерительных модулей датчиков	Printed	Труды II Международной научно-практической конференции «Информационные и телекоммуникационные технологии: образование, наука, практика». — Алматы, Казахстан, 3–4 декабря 2015 г. — Т. II. — С. 258–262.	5	Михайлов П.Г., Айтимов М.Ж.
94	Исследование помехоустойчивости электрокардиосигнала с помощью MATLAB	Printed	Труды II Международной научно-практической конференции «Информационные и телекоммуникационные технологии: образование, наука, практика». — Алматы, Казахстан, 3–4 декабря 2015 г. — Т. II. — С. 468–472.	5	Попов А.М., Алтай Е.А.
95	Problems of medical care in an emergency situation	Electronic	International Journal of Health and Medical Sciences. — 2015. — Vol. 1, №2. — Pp. 37–41.	5	B.N. Oleg, O.A. Kassymbek, O.K. Aiman, S.S. Anton

«5» 03 _____ 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education



G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

96	Modeling the control system of sensor movement mechanism of logging unit	Electronic	International Journal of Technology and Engineering Studies. — 2015. — Vol. 1, №3. — Pp. 68–73.	6	E. Tuleshov, R. Ismagulova, G. Aitzhanova, A. Ozhiken
97	Инженерные модели компонентов датчиков физических величин	Printed	Труды XII Международной научно-практической интернет-конференции «Молодежь. Наука. Инновации». — Пенза, 2016. — С. 191–196.	6	П.Г. Михайлов, М.Ж. Айтимов, А.В. Соколов, Д.А. Сергеев, В.В. Скотников, Л.А. Маринина, А.У. Аналиева, Г. Машир
98	Анализ и синтез алгоритмов первичной обработки и передачи кардиосигналов	Printed	Труды II Международных Сатпаевских чтений «Роль и место молодых ученых в реализации новой экономической политики Казахстана». — Алматы, 12–13 апреля 2016 г. — Т. II. — С. 87–91.	5	Алтай Е.А., Қыздарбекова А.С.
99	Идентификация гармонического сигнала кардиоцикла с помощью банк фильтров	Printed	Труды II Международных Сатпаевских чтений «Роль и место молодых ученых в реализации новой экономической политики Казахстана». — Алматы, 12–13 апреля 2016 г. — Т. II. — С. 92–95.	4	Д.Н. Койшыбаев, Е.А. Алтай

«5» 03 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education




G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

100	Субъектінің белсенді еркін қозғалу жағдайындағы кардиосигналдардың өзгеріштігін зерттеу	Printed	Труды II Международных Сатпаевских чтений «Роль и место молодых ученых в реализации новой экономической политики Казахстана». — Алматы, 12–13 апреля 2016 г. — Т. II. — С. 100–104.	5	Қасымбекова Қ.Б., Алтай Е.А.
101	Измерение высоты на воздушных судах	Printed	Труды II Международных Сатпаевских чтений «Роль и место молодых ученых в реализации новой экономической политики Казахстана». — Алматы, 12–13 апреля 2016 г. — Т. II. — С. 126–132.	7	Туякбаев А.А., Байбатырова А.С.
102	Измерение уровня раздела двух жидких сред	Printed	Труды II Международных Сатпаевских чтений «Роль и место молодых ученых в реализации новой экономической политики Казахстана». — Алматы, 12–13 апреля 2016 г. — Т. II. — С. 96–100.	5	Туякбаев А.А., Нурболулы А.
103	Измерение высоты на летательных аппаратах	Printed	Труды II Международных Сатпаевских чтений «Роль и место молодых ученых в реализации новой экономической политики Казахстана». — Алматы, 12–13 апреля 2016 г. — Т. II. — С. 132–138.	7	Туякбаев А.А., Байбатырова А.С., Сәмен Н.Ж.

« 5 » 03 2026 у.

Author of works

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

[Handwritten signature]

G.A. Burshukova

[Handwritten signature]

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

104	Распределенная кардиосистема	Printed	Сборник тезисов XII Международного конгресса «Кардиостим». — Санкт-Петербург, 18–20 февраля 2016 г. — Вестник Аритмологии. — IF РИНЦ=0,448. — С. 222.	222.	Сергеенков А.С., Бодин О.Н., Алтай Е.А.
105	Повышение эффективности оказания экстренной медицинской помощи	Printed	Сборник тезисов XII Международного конгресса «Кардиостим». — Санкт-Петербург, 18–20 февраля 2016 г. — Вестник Аритмологии. — IF РИНЦ=0,448. — С. 240.	240.	Алтай Е.А.
106	Анализ и обработка сигналов электрокардиограммы	Printed	Сборник тезисов V Всероссийского конгресса молодых ученых. — Санкт-Петербург, 12–15 апреля 2016 г. — С. 39.	39.	Алтай Е.А., Койшыбаев Д.Н.
107	Monitoring and analysis of bedspace use in day hospitals	Printed	Reports of the National Academy of Sciences of the Republic of Kazakhstan. 2017. №1 pp. 31-34.	4	Ozhikenova A.K., Kurakbayev K.K., Karataev M.,
108	Вибростендтің автоматтандырылған басқару жүйелері үшін ACOR-ды қолдану	Printed	«Шахмардан Есеновтың ғылыми мұрасы» Халықаралық Сәтбаев оқуларының еңбектері. 2017. 619–623 б.	5	Қабдолдина Ә.О., Михайлов П.Г., Қабдолдина Н.О., Уалиев Ж.Р
109	Разработка математической модели адаптивного управления роботом манипулятора	Printed	Труды Международных Сатпаевских чтений «Научное наследие	4	П.М. Рахметова, А.К. Ожикен

«5» 03 2026 у.

Author of works

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

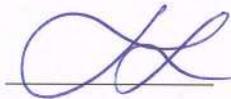
			Шахмардана Есенова». 2017. С. 626–629.		
110	Математическое моделирование динамики беспилотного летательного аппарата	Printed	Труды Международных Сатпаевских чтений «Научное наследие Шахмардана Есенова». 2017. С. 629–633.	5	П.М. Рахметова, А.К. Ожикен
111	Предварительная обработка речевого сигнала в среде Matlab	Printed	"Высшая школа Казахстана" №3. 2017. Июнь	-	Д.Ж. Турсынбай
112	Исследование возможности построения электронной системы для измерения температуры обмоток статора турбогенераторов	Printed	Труды Сатпаевских чтений «Инновационные решения традиционных проблем: Инженерия и технологии». 2018. Стр. 638–641	4	Туякбаев А.А., Куандыков М.Г., Есжанов О.Н.
113	Портативный мобильный кардиоанализатор для дистанционного мониторинга ЭКГ	Electronic	«Научно-практический электронный журнал Аллея Науки» №5(44) 2020. Alley-science.ru	1	Махонин В.Е., Алимбаев Ч.А., Бодин О.Н.
114	Разработка метода интеллектуальной обработки электрокардосигнала для предварительной диагностики инфаркта миокарда	Electronic	Методы, средства и технологии получения и обработки измерительной информации («Шляндинские чтения – 2020»): материалы XII Международной научно-технической конференции. – Пенза, 2020. – С. 358–361.	4	Алимбаева Ж.Н., Алимбаев Ч.А., Баянбай Н.А., Бодин О.Н.

«5» 03 _____ 2026 у.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



K.A. Ozhikenov




G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

115	Беттік электромиография сигналын өңдеу әдістері	Electronic	Vestnik KazNRTU. – 2020. – Т. 139, № 3. – С. 113–118.	6	Yussupova D.A., Alimbayev S.A., Alimbayeva Z.N., Bayanbay N.A.
116	Структура медицинской информационной системы для выявления предрасположенности и предотвращения внезапной сердечной смерти	Printed	XXI век: итоги прошлого и проблемы настоящего плюс. – 2021. – Т. 10, № 3. – С. 86–90. DOI: 10.46548/21vek-2021-1055-0016	5	Бекбай А.Т., Бодин О.Н., Чекайкин С.В., Алимбаев Ч.А.
117	Биометрические технологии в предполетном досмотре в аэропорту	Printed	Вестник науки Южного Казахстана. – 2021. – № 2 (14). – С. 95–102. ISSN 2616-6429	8	Туякбаев А.А., Нурмагамбет С.Д., Тургенбаев Д.Н.
118	Прогнозирование жизнеопасных аритмий в информационно-измерительной системе электрокардиодиагностики	Printed	Измерение. Мониторинг. Управление. Контроль. – 2021. – № 3 (37). – С. 93–102. DOI: 10.21685/2307-5538-2021-3-11	11	Бекбай А.Т., Бодин О.Н., Туякбаев А.А.
119	Подсистема связи системы управления беспилотных воздушных судов в условиях чрезвычайных ситуаций	Printed	Измерение. Мониторинг. Управление. Контроль. – 2022. – № 1 (39). – С. 92–99. DOI: 10.21685/2307-5538-2022-1-11	8	Баянбай Н., Шерстнев В.В., Безбородова О.Е., Бодин О.Н.
120	Скрининговая кардиодиагностическая информационная система на основе современны	Printed	ФГБОУ ВО «Пензенский государственный университет» №2 (42) 63–74 2022	12	Сатыбалдиева Ф.А., Бодин О.Н., Едемский М.В.,

« 5 » 03 2026 у.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

					Ожикенов К.А., Крамм М.Н., Бодин А.Ю.
121	Fast-Calibration-Based Control for an Upper-Limb Prosthesis	Electronic	IEEE Access (IEEE), Vol. 13, 202438–202453 https://doi.org/10.1109/ACCESS.2025.3634486	16	Zholtayev D., Khawaja A. R., Ozhikenov K., Ozhikenova A., Shylmyrza U., Abdikenov B.
122	Machine learning-based classification of local muscle fatigue using electromyography signals for enhanced rehabilitation outcomes	Electronic	International Journal of Electrical & Computer Engineering (IJECE), Vol. 15, No. 6, 5954–5967 DOI: 10.11591/ijece.v15i6.pp5954-5967.	14	Baigarayeva Zh., Boltaboyeva A., Imanbek B., Ozhikenov K., Karymssakova N., Beisembekova R.
International scientific and practical conferences					
123	"Development of the structure of a multicomponent filter based on the principle of adaptive aggregation of filters	Electronic	2018 IEEE 12th International Conference on Application of Information and Communication Technologies (AICT), Almaty, Kazakhstan, 2018, pp. 1-4, DOI: 10.1109/ICAICT.2018.8747119	5	O. N. Bodin, E.B. Mukazhanov Z. N.Alimbayeva,
124	"System of Non-Invasive Electrocardiac Diagnostics,"	Electronic	2019 20th International Conference of Young Specialists on	4	O. N. Bodin, M. N. Kramm,

«5» 03 2026 y.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

[Handwritten signature]

G.A. Burshukova

[Handwritten signature]

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.LSATPAYEV**

			Micro/Nanotechnologies and Electron Devices (EDM), Erlagol, Russia, 2019, pp. 622-625, DOI: 10.1109/EDM.2019.8823170 .		F. K. Rakhmatullov Y. B. Mukazhanov
125	"Using The Machine Learning Method in Portable ECG Monitoring System to Identify Diagnostically Complex Heart Diseases,"	Electronic	2023 IEEE 24th International Conference of Young Professionals in Electron Devices and Materials (EDM), Novosibirsk, Russian Federation, 2023, pp. 1270-1275, DOI: 10.1109/EDM58354.2023.10225021	6	A. K. Yerkebay, Z. N. Alimbayeva, N. A. Bayanbay, K. A. Ozhikenov
126	Improvement of Manipulating Robot Servo Drives' Control System	Electronic	23rd International Conference on Robotics in Alpe-Adria-Danube Region, IEEE RAAD 2014 - Conference Proceedings. 2015, 7002235 (International Journal of Mechanics and Control. Volume 67, 2014) DOI: 10.1109/RAAD.2014.7002235	5	Utebayev R., Tuleshov E., Tuleshova A.
127	Новые подходы компьютерного управления и обработки информации каротажной станции	Printed	XXI ғасырдағы геологиялық барлау және мұнай-газ ісі: Технология, ғылым, білім. Халықаралық ғылыми-тәжірибелік конференциясының ғылыми еңбектер жинағы. 9-12.11.16. Алматы, 2016. С. 164-170.	7	Тулешов А.К., Тулешов Е.А.

«5» 03 2026 у.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



K.A. Ozhikenov




G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

128	Применение искусственных нейронных сетей для распознавания речевых команд	Printed	Материалы Международной научно-технической конференции «Шляндинские чтения - 2016». Методы, средства и технологии получения и обработки измерительной информации. Пенза, 25-27 октября 2016. С. 112-115.	4	Козлов В.В., Пижонков Я.А.,
129	Color Sensors for Determining the Moment of Loss Coaxiality of a Helicopter Rotor	Printed	III International Conference "Industrial, Technologies and Engineering" ICITE-2016. Issue II. October 28-29. 2016. M.Auezov South Kazakhstan State University. Shymkent. Kazakhstan. С. 44-47.	4	Tuyakbaev A.A., Tuleshov E.A., Altynbekova A.N., Kushegenova Zh.K.
130	Development of Technologies, Methods and Devices of the Functional Diagnostics of Microelectronic Sensors Parts and Components	Electronic	13th International Scientific-Technical Conference on Actual Problems of Electronic Instrument Engineering (APEIE). 2016 - Proceedings 1,7802218 (Scopus, Web of Science, Clarivate Analytics). С. 84-90.	7	Mikhailov P.G., Ismagulova R.S., Azamatova B.N., Azamatov Zh.K.
131	Information & Probability Approach to the Evaluation of Dynamic Heart System	Electronic	18th International Conference of Young Specialists Don Micro/Nanotechnologies and Electron Devices. Erlagol. Altai Republic. 29 June-3 July. 2017. (Scopus,	5	Oleg N. Bodin, Vitalij G. Polosin, Anatoly G. Ubiennyh, Dmitriy A. Arzhaev,

«5» 03 2026 y.

Author of works

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education

Chief Scientific Secretary



[Handwritten signature]

K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

			Web of Science, Clarivate Analytics). C. 601-605.		Andrej Ju. Bodin
132	Pre-processing Voice Signals for Voice Recognition Systems	Electronic	18th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices. Erlagol. Altai Republic. 29 June-3 July. 2017. (Scopus, Web of Science, Clarivate Analytics). C. 242-246.	5	G.K. Berdibaeva, O. N. Bodin, Valery V. Kozlov, Dmitry I. Nefed'ev, Yaroslav A. Pizhonkov
133	Portable Cardioanalyzer	Electronic	18th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices. Erlagol. Altai Republic. 29 June-3 July. 2017. (Scopus, Web of Science, Clarivate Analytics). C. 605-610.	6	Oleg N. Bodin, Maksim I. Safronov, Arystambek K. Zhumagulov, Vitalij G. Polosin, Anatolij G. Ubiennyh
134	Distributed Computer Diagnostic System KardioVid on the Base of the Multi-Agent Technologies	Electronic	18th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices. Erlagol. Altai Republic. 29 June-3 July. 2017. (Scopus, Web of Science, Clarivate Analytics). C. 610-613.	4	Oleg N. Bodin, Anatolij G. Ubiennykh, Anton S. Sergeenkov, Svetlana A. Balakhonova, Fagim K. Rakhmatullof,
135	Use of network technologies for the improvement of the non-invasive cardio diagnostics system	Electronic	Moscow Workshop on Electronic and Networking Technologies, MWENT	6	Bodin, O.N., Kramm, M.N., Lomtev, E.A.,

« 5 » 03 2026 y.

Author of works



K.A. Ozhikenov

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education



G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

			2018 - Volume 2018-March, 12 April 2018, (Scopus). C. 1-6.		Polosin, V.G., Rakhmatullof, F.K.
136	The Forming Processes of Local Removal of Semiconductor Materials in Micromechanical Devices Manufacturing Technologies	Electronic	International Journal of Mechanical Engineering and Technology (IJMET). Volume 9, Issue 10, October 2018, (Scopus). C. 1356–1367.	12	P. Mikhailov, A. Kabdoldina, Zh. Ualiyev
137	Development of the structure of a multicomponent filter based on the principle of adaptive aggregation of filters	Electronic	IEEE 12th International Conference on Application of Information and Communication Technologies, AICT 2018 – Proceedings. (Scopus, Web of Science, Clarivate Analytics). C. 330-335.	6	Alimbayev C.A., Bodin O.N., Mukazhanov E.B., Alimbayeva Z.N.
138	Reconstruction of Equivalent Electric Heart Generator	Electronic	2019 International Seminar on Electron Devices Design and Production, SED 2019 – Proceedings, (Scopus).		Kenzhaliyev B.K., Ozhikenova A.K., Bodin O.N., Kramm M.N., Rahmatullof F.K.
139	Improving the Interference Tolerant Noise Immunity of Ambulatory Telemetry ECG Diagnostics Systems	Electronic	2019 International Seminar on Electron Devices Design and Production, SED 2019 – Proceedings, (Scopus).		Kenzhaliyev B., Ozhikenova A.K., Bodin O.N., Krivonogov L., Papshev D.
140	System of Non-Invasive Electrocardiac Diagnostics	Electronic	20th International Conference of Young Specialists on Micro/Nanotechnologies	4	Alimbaev, C.A., Bodin, O.N.,

«5» 03 2026 y.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



K.A. Ozhikenov

G.A. Burshukova

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

			and Electron Devices, EDM-2019, Erlagol, Altai Republic; Russian Federation. 2019. June. (Scopus, Web of Science, Clarivate Analytics). C. 622-625.		Kramm, M.N., Rakhmatullof, F.K., Mukazhanov, Y.B.
141	The Use of Unmanned Aerial Vehicle for Emergency Medical Assistance	Electronic	20th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices, EDM-2019, Erlagol, Altai Republic; Russian Federation. 2019. June. (Scopus, Web of Science, Clarivate Analytics). C. 597-600.	4	Bayanbay, N.A., Beisembetov, I.K., Bezborodova, O.E., Bodin, O.N., Polosin, V.G.
142	Neural Network Analysis of Electrocardiogram Signal	Electronic	20th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices, EDM-2019, Erlagol, Altai Republic; Russian Federation. 2019. June. (Scopus, Web of Science, Clarivate Analytics). C. 606-611.	6	Alimbayeva, Z.N., Ozhikenova, A.K., Bodin, O.N., Gerasimov, A.I., Mukazhanov, Y.B.
143	Heart State Monitoring Using Multi-Agent Technology	Electronic	2019 8th Mediterranean Conference on Embedded Computing, MECO 2019. – Proceedings, (Scopus, Web of Science, Clarivate Analytics).		Bekbay, A., Ozhikenova, A., Bodin, O.N., Bezborodova, O., Rakhmatullof, F.

«5» 03 2026 y.

Author of works



K.A. Ozhikenov

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education



G.A. Burshukova

Chief Scientific Secretary

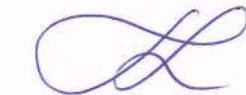
K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

144	Организация компьютерной системы для диагностики инфаркта миокарда	Printed	Материалы Международной научно-технической конференции «Шляндинские чтения - 2019». Методы, средства и технологии получения и обработки измерительной информации. Пенза, 28-30 октября 2019 г. С. 262-266.	5	Алимбаев Ч.А., Алимбаева Ж.А., Баянбай Н.А., Бодин О.Н.
145	Application of neural networks for processing and cardio signal analysis	Printed	Неделя науки СПбПУ. Материалы научной конференции с международным участием 18-23 ноября 2019 года. Институт компьютерных наук и технологий. С. 105-108.	4	Zh. Alimbayeva, Ch. Alimbayev, N. Bayanbay, K. Ozhiken
146	Development of a portable cardio analyzer (PCA)	Printed	Неделя науки СПбПУ. Материалы научной конференции с международным участием 18–23 ноября 2019 года. Институт биомедицинских систем и биотехнологий. Часть 2. Высшая школа биомедицинских систем и технологий. С. 3-5.	3	Ch. Alimbayev, Zh. Alimbayeva, N. Bayanbay, O. Bodin
147	Peculiarities of equipping an unmanned medical aerial vehicle during search and rescue operations	Electronic	International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices, EDM. 2020, June,	6	Bayanbay, N.A., Tuleshov, Y.A., Bodin, O.N.,

« 5 » 03 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education



G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

			(Scopus, Web of Science, Clarivate Analytics). C. 464-469, 9153525.		Spirkin, A.N.
148	A bionic approach to the construction of a voice control system in emergency conditions	Electronic	International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices, EDM. 2020, June, (Scopus, Web of Science, Clarivate Analytics). C. 440-444, 9153542.	5	Berdibaeva, G.K., Bodin, O.N., Bezborodova, O.E., Nurlan, B.,
149	Formation of an Optical Measuring Channel for Sensor Systems of Robotic Complexes in the Power Industry	Electronic	Proceedings - ICOECS 2021: 2021 International Conference on Electrotechnical Complexes and Systems, 2021, (Scopus). C. 395-399.	5	Mukhamadiev A.A., Ozhikenov A.K., Yasoveev K.V.
150	Design and modeling of self-sustainable bathroom floor cleaning robot system	Electronic	International Conference on Control, Automation and Systems, 2021, October, (Scopus). C. 1860-1865.	6	Yeshmukhametov, A. Baratova, A., Salemkhan, A., Buribayev Z., Amirgaliyev, Y.
151	Development of an atrioventricular block prediction method for portable heart monitoring system	Electronic	Eastern-European Journal of Enterprise Technologies, (Scopus). 2022, 3(5-117), C. 15-27.	13	Bekbay, A., Alimbayeva, Z., Alimbayev, C., Mukazhanov, Y.
152	Аппарат искусственной вентиляции легких	Electronic	Metody, sredstva i tekhnologii polucheniya i obrabotki izmeritel'noy informatsii (Shlyandinskie chteniya-2022), XV International Scientific and	3	Moldash B. T., Shylmyrza U. Zh., Alimbayeva Zh. N.,

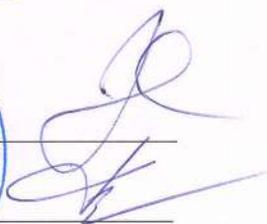
« 5 » 03 2026 y.

Author of works



K.A. Ozhikenov

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

			Technical Conference Пенза, Ресей, 156–158		Alimbayev Ch. A., Ozhikenov K. A.
153	Using The Machine Learning Method in Portable ECG Monitoring System to Identify Diagnostically Complex Heart Diseases	Electronic	International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices, EDM, (Scopus). 2023, June. C. 1270–1275.	6	Yerkebay, A.K., Alimbayeva, Z.N., Alimbayev, C.A., Bayanbay, N.A.,
154	Structural Design of a Rehabilitation Robot for the Upper Limb	Electronic	AIP Conference Proceedings. Vol. 3063, Issue 121, 2024. 2nd International Conference on Electronics, Engineering Physics, and Earth Science, EEPES 2023 (Scopus).	-	D. Bizhanov, N. Zhetenbayev, G. Balbayev, S. Kuzembay, S. Yussupova
155	Design and Performance of a Motion Assisting Device for Elbow Joint	Electronic	Mechanisms and Machine Science, 2024, 167 MMS. C. 152–159.	8	Dauren B., Nursultan Z., Ceccarelli M., Balbayev G.,
156	Structural Design of a Rehabilitation Robot for the Upper Limb	Electronic	AIP Conference Proceedings, 2024, 3063(1), 060002.	-	Dauren B., Nursultan Z., Gani B., Serikbol K., Saltanat Y.,
157	Design and Operation Requirements for a Foot and Ankle Prosthesis	Electronic	CIEES 2024 - IEEE International Conference on Communications, Information, Electronic and Energy Systems. 5th IEEE International	-	Uzbekbayev A., Zhetenbayev N., Sultan A., Iliev T.,

«5» 03 2026 y.

Author of works



K.A. Ozhikenov

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education




G.A. Burshukova

Chief Scientific Secretary

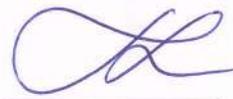
K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

			Conference, CIEES 2024 Hybrid, Veliko Tarnovo, 20–22 November 2024.		Sergazin G.
158	Intelligent Greenhouse Microclimate Control System Based on Morphological Analysis of Plants Using Machine Learning and IoT	Electronic	Proceedings of the International Conference on AI and Robotics (AIR 2025), Lecture Notes in Networks and Systems, Vol. 1629, Springer, pp. 458–469, 2025. DOI: https://doi.org/10.1007/978-3-032-05548-4_36	12	Ch. Alimbayev, Zh. Alimbayeva, S. Sydykanov
159	Engineering an Active Ankle-Foot Prosthesis: Conceptual Design for Enhanced Walking Dynamic	Electronic	Proceedings of the I4SDG Workshop 2025 – IFToMM for Sustainable Development Goals, Mechanisms and Machine Science, Springer, Vol. 180, pp. 177–188, 2025. DOI: https://doi.org/10.1007/978-3-031-91179-8_19	12	S. Akhmejanov, N. Zhetenbayev, A. Sultan, G. Sergazin
160	Analysis of the Lower Limb Prosthesis Market and a Research of Advanced Prosthetic Methods	Electronic	Proceedings of MESROB 2025 – International Workshop on Medical and Service Robots, Springer, DOI: 10.1007/978-3-031-96081-9_19	15	A. Sultan, N. Zhetenbayev, Y. Nurgizat, G. Sergazin
161	Foot and Ankle Prosthetics Using Artificial Intelligence: Innovative Developments and Conceptual Solutions	Electronic	Proceedings of MESROB 2025 – International Workshop on Medical and Service Robots, Mechanisms and Machine Science, Vol. 186, Springer,	11	S. Akhmejanov, N. Zhetenbayev, A. Sultan, G. Sergazin

«5» 03 2026 y.

Author of works



K.A. Ozhikenov

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education




G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

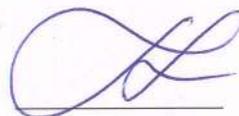
			2025. pp. 218–228. DOI: https://doi.org/10.1007/978-3-031-96081-9_22		
162	Development of an Adaptive Foot Prosthesis with an Elastic Element and Shock-Absorbing Sole Without the Use of Electric Actuators	Electronic	International Conference on AI in Healthcare, Springer Nature Switzerland Швейцария 2025, 217 23 https://doi.org/10.1007/978-3-032-00656-1_16	15	Akhmejanov S., Zhetenbayev N., Sultan A., Uzbekbayev A., Sergazin G., Ozhikenov K.
163	Ankle Prosthesis Based on a BLDC Motor and Spherical Gear Coupling: Design and Operating Principles	Electronic	IFTToMM International Conference on Mechanisms, Transmissions and Applications, Springer Nature Switzerland 93–103 https://doi.org/10.1007/978-3-032-05466-1_10 .	11	Akhmejanov S., Zhetenbayev N., Sultan A., Sergazin G., Ozhikenov K.
164	IoT-Based Intelligent Real-Time Air Quality Monitoring System	Electronic	2025 Interdisciplinary Conference on Electrics and Computer (INTCEC), IEEE, 2025, https://doi.org/10.1109/INTCEC65580.2025.11256136 .	8	Tasmurzayev N., Ozhikenov K.
165	Device for Determining the Sensitivity of the Oral Cavity	Electronic	2025 IEEE XVII International Scientific and Technical Conference on Actual Problems of Electronic Instrument Engineering (APEIE), IEEE . DOI:	6	Alimbayev Ch., Ozhikenov K., Bayanbay N., Alimbayeva Zh.,

«05» 03 2026 y.

Author of works

Head of the Project Office for the Sustainable Development Goals – Support and Coordination of Inclusive Education

Chief Scientific Secretary



K.A. Ozhikenov




G.A. Burshukova

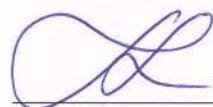
K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

			https://doi.org/10.1109/APEIE66761.2025.11289279		Abylgazinova S., Nurdanali A.
166	Design of an Ankle Joint Exoskeleton: Importance of Anatomical and Biomechanical Analysis (Experience from AlmatyAnkleExo V1/V2)	Electronic	2025 6th International Conference on Communications, Information, Electronic and Energy Systems (CIEES), IEEE https://doi.org/10.1109/CIEES6634.2025.11300154 .	4	Seisenova D., Zhetenbayev N., Sergazin G., Ozhikenov K.
167	A Review of Clinical and Instrumented Data Collection in Children with Cerebral Palsy and Its Application in Adaptive Rehabilitation Controller Design	Electronic	2025 6th International Conference on Communications, Information, Electronic and Energy Systems (CIEES), IEEE, https://doi.org/10.1109/CIEES66347.2025.11300139	6	Zhetenbayev N., Sergazin G., Sultan A., Ozhikenov K., Nurgizat Y., Sagynbayev N.
168	Application of FDM Printing with PEEK for the Development of a Robotic Rehabilitation Device for Children with Musculoskeletal Disorders	Electronic	Proceedings of the 2025 6th International Conference on Communications, Information, Electronic and Energy Systems (CIEES), IEEE https://doi.org/10.1109/CIEES66347.2025.11300054	4	Sagynbayev N., Zhetenbayev N., Sergazin G., Ozhikenov K.
Monographs, textbooks					
169	«Инвазивті емес кардиодиагностикалық жүйе. Электрокардиография»	Printed/ electronic	Алматы: ТОО «Lantar Trade», 2023. – 257 іс. Monographs	257	Алимбаева Ж. Н., Ожикенова А.К.
170	«Мультиагентные технологии в медицинских информационных системах. »	Printed/ electronic	Под редакцией профессора О.Н. Бодина. Алматы: ТОО «Lantar Trade», 2021. – 330 с. Monographs	330	Безбородова О.Е., Крамм М.Н.,

«5» 03 _____ 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education



G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

					Ожикенова А.К., Омарбеков Б.О.
171	«Математическая среда MATLAB.»	Printed/ electronic	Алматы: ТОО «Lantar Trade», 2021. – 159 с. (textbook)	159	-
172	«MATLAB математикалық ортасы»	Printed/ electronic	Алматы: ТОО «Lantar Trade», 2021. – 138 с. (textbook)	138	Исмагулова Р.С.
173	«Современные технологии неинвазивной кардиодиагностики»	Printed/ electronic	Под редакцией академика НАН РК Бейсембетова И.К. Алматы: ТОО «Lantar Trade», 2021. – 280 с. Monographs	280	О.Н. Бодин, М.Н Крамм, Ожикенова А.К., Ф.К. Рахматуллов
174	«Системы неинвазивной кардиодиагностики. »	Printed/ electronic	Под редакцией профессора О.Н. Бодина. Алматы: ТОО «Издательство LEM», 2017. – 204 с. Monographs	240	Балахонова С.А., Ожикенова А.К., Полосин В.Г., Рахматуллов Ф.К.
175	«Технические измерения в технологии и производстве радиоэлектронной аппаратуры и измерительных систем. »	Printed/ electronic	Алматы: ТОО «Издательство LEM», 2016. – 162с. (textbook)		Михайлов П.Г. Айтимов М. Ж.
176	«Помехоустойчивая обработка электрокардосигналов в системах неинвазивной кардиодиагностики. »	Printed/ electronic	Алматы: ТОО «Издательство LEM», 2016. -216 с. Monographs	216	Бодин О.Н., Кривоногов Л.Ю., Ломтев Е.А., Ожикенова А.К.,
177	«Интеграционные возможности электромобилей в условиях Казахстана. »	Printed/ electronic	Алматы, «Нур-Принт », 2014. 93 с. Monographs	93	Тулешов А.К., Исмагулова Р.С., Утебаев Р.М.,

«5» 03 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education



G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV

					Тулешов Е.А., Шадьманова А.А., Нурпеисова Д.А., Өжікен А.К.
178	«Моделирование управления механизмом выдвижения и ориентации снаряда каротажной станции. »	Printed/ electronic	Алматы, «Нур-Принт », 2014. 85 с. Monographs	85	Тулешов А.К., Исмагулова Р.С., Тулешов Е.А., Утебаев Р.М., Шадьманова А.А., Нурпеисова Д.А., Өжікен А.К.
179	«Методы и технологии компьютерного управления привода-автомата рентгенорадиометрической каротажной станции. »	Printed/ electronic	Алматы, «Нур-Принт », 2014. -103 с. Monographs	103	Тулешов А.К., Исмагулова Р.С., Тулешов Е.А., Утебаев Р.М., Шадьманова А.А., Нурпеисова Д.А., Өжікен А.К.
180	«Моделирование динамики манипуляторов с координатно-параметрическим регулированием»	Printed/ electronic	Алматы, «ИП Волков А.И. », 2012. 192 с. Monographs	192	Тулешов А.К. Ожикенова А.К.,
181	« Основы программирования в среде MATLAB»	Printed/ electronic	Алматы, 2012. – 148 с. – ISBN 965-885-92-3. (textbook)	148	-

« 5 » 03 2026 у.

Author of works



K.A. Ozhikenov

Head of the Project Office for the
Sustainable Development Goals –
Support and Coordination of Inclusive Education



G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova