

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
SATBAYEV UNIVERSITY

2	Fiber laser-based two-wavelength sensors for detecting temperature and strain on concrete structures	Article	International Journal of Innovative Research and Scientific Studies, 2024, 7(4), стр 1693–1710	-	-	(2023) CiteScore 2.1 Multidisciplinary – 69% процентиль	Smailov, N., Zhadiger, T., Tashtay, Y., Abdykadyrov, A., Amir, A.	co-author
3	Purification of surface water by using the corona discharge method	Article	Mining of Mineral Deposits, 2024, 18(1), стр 125–137 DOI:10.33271/mining18.01.125	JIF 2.8 Mining & mineral processing– Q1	(2023) ESCI	(2023) CiteScore 5.2 General Engineering– 78% процентиль	Abdykadyrov, A., Abdullayev, S., Zhunussov, K., Tashtay, Y., Marxuly, S.	co-author
4	Numerical Simulation and Measurement of Deformation Wave Parameters by Sensors of Various Types	Article	Sensors, 2023, т 23, в 22 DOI 10.3390/s2322915	JIF 3.4 Engineering, electrical & electronic– Q2	SCIE	CiteScore 7.3 Atomic and Molecular Physics, and Optics – 78% процентиль	Smailov, N., Koshkinbayev, S., Tashtay, Y., Malyugin, V., Sun, C.	co-author
5	Study of the process of cleaning water-containing iron solutions using ozone technology	Article	Water Conservation and Management, 2023, 7(2), стр 148–157	-	-	CiteScore 2.9 Water Science and Technology – 45% процентиль	Abdykadyrov, A., Marxuly, S., Bazarbay, A., Tashtay, Y., Akylzhan, P	co-author



« 06 » 03 2025 г.

Author

Y. Tashtay

Deputy Director of the Department of Strategic Development

G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
SATBAYEV UNIVERSITY

List of scientific works
Tashtay Yerlan

№ 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 Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan					
1	Жер үсті суларын озонатор қондырғысы көмегімен тазалап, заласыздандыру үрдісін зерттеу	electronic	Вестник КазАТК № 3 (126), 2023 DOI 10.52167/1609-1817-2022-126-3-462-478	17	Абдықадыров А.А., Марқсұлы С., Қуттыбаева А.
2	Қонвейер жүйесіндегі электр жетектің параметрлерін талдап, басқару үрдісін зерттеу	electronic	2023 Scientific works of VIIREiS, №4 (54)	10	Абдықадыров А.А., Марқсұлы С., Жунусов К.Х.
3	Озонатордың жұмысын электронды сенсорлы датчиктер көмегімен басқару үрдісін зерттеу	electronic	2024 Scientific works of VIIREiS, №1 (55),	19	Абдықадыров А.А., Марқсұлы С., Жунусов К.Х.
4	Investigation of the parameters of a fiber-optic strain sensor	electronic	2024 Scientific works of VIIREiS, №3 (53),	8	Smailov N., Koshkinbayev S., Sabibolda A.
5	Талшықты-оптикалық жүктеме ұяшығының параметрлерін зерттеу	electronic	2024 Scientific works of VIIREiS, №3 (53),	7	Смайлов Н.К. Көшкінбаев С.Ж., Сәбиболда Ә.М.

« 06 » 03 2025 г.

Author

Y. Tashtay

Deputy Director of the Department of Strategic Development

G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova



MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
SATBAYEV UNIVERSITY

6	Анализ возможностей использования волоконно-оптических датчиков для диагностики состояния металлических и бетонных конструкций	electronic	Вестник Торайгыров университет. ISSN 2710-3420. Серия энергетическая, №3. С 295 – 309. 2024 https://doi.org/10.48081/PWAG2791	15	Смайлов Н. К., Кошкинбаев С. Ж., Жекамбаева М. Н., Әмір А. Ә.
7	Исследование методов динамического обнаружения и анализа злонамеренного программного обеспечения в реальном времени	electronic	Вестник КазАТК, 135(6), 170–177. 2024 https://doi.org/10.52167/1609-1817-2024-135-6-170-177	7	Майлыбаев Е. Козьякова А. Прошин В.
8	Исследование обнаружения чрезвычайных ситуаций на основе аудиосигналов	electronic	Вестник КазАТК, 135(6), С 103–113. 2024 https://doi.org/10.52167/1609-1817-2024-135-6-103-113	10	Досбаев Ж. Садықова Б. Смайлов Н. Жекамбаева М.
9	Алгоритмическое совершенствование метода высокоскоростной цифровой спектрально-корреляционной радиолокации	electronic	Вестник Национальной инженерной академии Республики Казахстан. № 3 (93), 2024. https://doi.org/10.47533/2024.1606-146X.45	9	Абдықадыров А., Смайлов Н. К., Досбаев Ж. М., Жунусов К. Х.
10	Применение волоконно-оптических датчиков для контроля состояния бетонных конструкций	electronic	Scientific works of VIPEiS. №2 (56), 2024. ӘОЖ: 621.78:691.32 FTAMP 45.03.07	13	Смайлов Н.К., Толеманова А.О., Куттыбаева А.Е.,
11	Анализ волоконно-оптических датчиков давления для мониторинга состояния городских сооружений в режиме реального времени	electronic	Scientific works of VIPEiS. №2 (56), 2024. ӘОЖ: 681.78 FTAMP 45.03.07	14	Смайлов Н.К., Толеманова А.О., Куттыбаева А.Е.

« 06 » 03 2025 г.

Author

Y. Tashitay

Deputy Director of the Department of Strategic Development

G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova



MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
SATBAYEV UNIVERSITY

Patents

12	Combined unmanned ground transport	printed	National Institute of Intellectual Property № 8825, 22.11.2024	Дараев А.М. Исембергенов Н.Т. Ибекеев С.Е. Смайлов Н.К. Хизирова М. А. Ильяс Д.М. Марқсұлы С. Демидова Г.Д. Бейсебаева А.С. Узақ М., Қуттыбаева А.Е. Джунусов Н.А.
13	A multi-purpose quadcopter with a combined vehicle	printed	National Institute of Intellectual Property № 8824, 22.11.2024	Дараев А.М. Исембергенов Н.Т. Ибекеев С.Е. Смайлов Н.К. Хизирова М. А. Ильяс Д.М. Узақ М.К. Турдиева К.Р. Усманова А.Е. Ниязов Р.Б. Демидова Г.Д. Қуттыбаева А.Е. Стремоусова В.Ю

« 06 » 03 2025 г.

Author

Deputy Director of the Department of Strategic Development

Chief Scientific Secretary

Y. Tashtay

G.A. Burshukova

K. V. Turmagambetova



MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
SATBAYEV UNIVERSITY

International scientific and practical conferences					
14	Перспективы использования нейронных сетей для сжатия данных	electronic	The synergy of science and practice in the context of innovative breakthroughs in the development of the economy and society: national and international aspects, стр. 88-92, 2019	6	Сатыбалдиев А.А.
15	Перспективы создания ИПД по объектам загрязнения воздушной среды крупных городов	electronic	Scientific journal, 11 (45) 2019	5	Талғатқызы А.
16	Перспективы создания ИПД по объектам загрязнения воздушной среды крупных городов	electronic	The synergy of science and practice in the context of innovative breakthroughs in the development of the economy and society: national and international aspects, стр 13-17, 2019	4	Михаил Нам
17	Practical Research of Efficiency of the Installation Etro-02 Ozonizer Based on the Corona Discharge	Conference Paper	Proceedings of the 2nd 2020 International Youth Conference on Radio Electronics, Electrical and Power Engineering, REEPE 2020, 2020, 9059150	4	Abdykadyrov, A.A., Korovkin, N.V., Mamadiyarov, M.M., Domrachev, V.N.
18	Practical research of efficiency of the installation etro-02 ozonizer based on the corona discharge	electronic	REEPE 2020 Conf. Venue: Moscow Power Engineering Institute (MPEI) 2020 International Youth Conference on Radio Electronics, Electrical and Power Engineering (REEPE) Date of Conference: 12-14 March 2020 ISBN:978-1-7281-5656-9	4	Korovkin N.V., Syrgabayev I. Mamadiyarov M.M., Marxuly S.
19	Анализ практического применения нейросетягия для телеметрических задач космического назначения	electronic	Scientific journal, 1 (46) 2020	4	Сатыбалдиев А.А.
20	Перспективы применения систем позиционирования нового поколения для цифровизации промышленных предприятий Республики Казахстан	electronic	Behavioral theories and practice of Russian science, стр 112-116, 2021	2	Нам М.

« 06 » 03 2025 г.

Author

Y. Tashtay

Deputy Director of the Department of Strategic Development

G.A. Burshukova

Chief Scientific Secretary

K.V. Turmagambetova



MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
SATBAYEV UNIVERSITY

21	Research of the process of disinfection and purification of drinking water using ETRO-02 plant based on high-frequency corona discharge.	electronic	2021 3rd International Youth Conference on Radio Electronics, Electrical and Power Engineering (REEPE), Date of Conference: 11-13 March 2021 ISBN:978-1-7281-8399-2	5	Korovkin N.V., Mamadiyarov M.M., Tashtay Y., Domrachev V.N.
22	Fiber-Optic Temperature Sensors for Monitoring the Influence of the Space Environment on Nanosatellites: A Review	electronic	Mechanisms and Machine Science, 2024, 167 MMS, стр 371-380(2023) CiteScore 0.7 Mechanical Engineering – 15% процентиль		Sekenov, B., Smailov, N., Kuttybayeva, A., Tashtay, Y., Tolemanova, A.
Monographs, textbooks					
23	Талшықты-Оптикалық датчиктердің даму болашағы (Монография)	printed	Сәтбаев Университеті, 2023.-176 б. ISBN 978-6013-234274	176	-
24	Технологии ТРИЗ для инновации (Учебное пособие)	printed	Изд-во КазНИТУ имени К.И. Сәтпаева, 2023. ISBN 978-6013-234-281	353	И.Бухман

« 06 » 03 2025 г.

Author

Deputy Director of the Department of Strategic Development

Chief Scientific Secretary

Y. Tashtay

G.A. Burshukova

K. V. Turmagambetova

