

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
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List of publications in international peer-reviewed publications

Last name of the applicant: Tashtay Yerlan
Author identifier: h- index (Scopus) - 4
Scopus Author ID: 57216620902
Web of Science Researcher ID: AEA-1658-2022
ORCID: <https://orcid.org/0000-0002-0809-537X>

№ п/ п	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	Names of authors (underline the name of the applicant)	Role of the applicant (co-author, first author or correspondi ng author)
1	Simulation and Measurement of Strain Waveform under Vibration Using Fiber Bragg Gratings	Article	Sensors 2024, 24(19), 6194; https://doi.org/10.3390/s24196194	JIF 3.4 Instruments & instrumentation – Q2	(2023) SCIE	(2023) CiteScore 7.3 Atomic and Molecular Physics, and Optics – 78% процентиль	Smailov, N., Koshkinbayev, S., <u>Y. Tashtay</u> Aidana, B., Malyugin, V., Sun, C.	co-author

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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., <u>Tashtay, Y.</u> , Abdykadyrov, A., Amir, A.	co-author
3	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., <u>Tashtay, Y.</u> , Malyugin, V., Sun, C.	co-author

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List of scientific works
Tashtay Yerlan

№ n/n	Title of the publication	Nature of the publication	Publication details	Num er of pades	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, залалсыздандыру үрдісін зерттеу	electronic	Вестник КазАТК No 3 (126), 2023 DOI 10.52167/1609-1817-2022-126-3-462-478	17	Абдыкадыров А.А., Марксұлы С., Куттыбаева А.
2	Конвейер жүйесіндегі электр жетектің параметрлерін талдап, басқару үрдісін зерттеу	electronic	2023 Scientific works of VIIREiS, №4 (54)	10	Абдыкадыров А.А., Марксұлы С., Жунусов К.Х.
3	Озонатордың жұмысын электронды сенсорлы датчиктер көмегімен басқару үрдісін зерттеу	electronic	2024 Scientific works of VIIREiS, №1 (55),	19	Абдыкадыров А.А., Марксұлы 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..
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.

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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. Садыкова 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	Абдыкадыров А., Смайлов Н. К., Досбаев Ж. М., Жунусов К. Х.
10	Применение волоконно-оптических датчиков для контроля состояния бетонных конструкций	electronic	Scientific works of VIIREiS. №2 (56), 2024. ЭОЖ: 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 VIIREiS. №2 (56), 2024. ЭОЖ: 681.78 FTAMP 45.03.07	14	Смайлов Н.К., Толеманова А.О., Куттыбаева А.Е.
12	Тестирование и оценка радиочастотной помехоустойчивости беспилотных летательных аппаратов для осмотра мостов	electronic	Вестник КазАТК, 136(1), С 192-204. 2025 https://doi.org/10.52167/1609-1817-2025-136-1-192-204		И. Даулет, А. Дараев, Г.Б.Кашаганова

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Patents					
13	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. Марксұлы С. Демидова Г.Д. Бейсебаева А.С. Узак М., Куттыбаева А.Е. Джунусов Н.А.
14	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. Узак М.К. Турдиева К.Р. Усманова А.Е. Ниязов Р.Б. Демидова Г.Д. Куттыбаева А.Е. Стремоусова В.Ю

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International scientific and practical conferences					
15	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.
16	Перспективы создания ИПД по объектам загрязнения воздушной среды крупных городов	electronic	Scientific journal, 11 (45) 2019	5	Талғатқызы А.
17	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
18	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.
19	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.
20	Анализ практического применения нейросжатия для телеметрических задач космического назначения	electronic	Scientific journal, 1 (46) 2020	4	Сатыбалдиев А.А.
21	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.

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22	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.
23	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					
24	Талшықты-оптикалық датчиктердің даму болашағы (монография)	printed	Сәтбаев Университеті, 2023.-176 б. ISBN 978-6013-234274	176	-
25	Технологии ТРИЗ для инновации (Учебное пособие)	printed	Изд-во КазННТУ имени К.И. Сатпаева, 2023. ISBN 978-6013-234-281	353	И.Бухман

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