Форма 2.3

СПИСОК НАУЧНЫХ ТРУДОВ И ИЗОБРЕТЕНИЙ

№ п/п	Название трудов	Рукопись или печатные	Наименование издательства, журнала (№, год.), № авторского свидетельства	Кол-во печатных листов или стр.	Фамилия соавторов работы
1.	Interpretable Diagnosis of Pulmonary Emphysema on Low-Dose CT Using ResNet Embeddings.	Печатные	MDPI Journal of Imaging. 2026; 12(1):51.1. https://doi.org/10.3390/jimaging12010051	19	M. Mansurova, A. Oshibayeva, S. Serebryakov.
2.	Enhancing U-Net Segmentation Accuracy Through Comprehensive Data Preprocessing.	Печатные	MDPI Journal of Imaging. 2025; 11,(2):50. https://doi.org/10.3390/jimaging11020050	15	M. Mansurova, A. Abdildayeva, S. Serebryakov.
3.	Resnet Embedding-Based Pipeline for Transparent Diagnosis of Pulmonary Emphysema on Low-Dose CT.	Печатные	Journal of Problems in Computer Science and Information Technologies, 2026; 4(1). https://doi.org/10.26577/jpcsit4120262	11	A. Oshibayeva, A.Shayakhmetova, A. Ospan.
4.	Pre-processing of CT Images of the Lungs	Печатные	14th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2022. Lecture Notes in Computer Science, vol 13758. Springer, Cham. https://doi.org/10.1007/978-3-031-21967-2_39	8	M. Mansurova, A. Shomanov, M. Sarsembayev, S. Sagyzbayeva, G. Rakhimzhanov.
5.	UNet Model for Segmentation of COPD Lung Lesions on Computed Tomography Images	Печатные	7th International Conference on Digital Technologies in Education, Science and Industry, DTESI 2022, CEUR Workshop Proceedings 3382. https://ceur-ws.org/Vol-3382/Short5.pdf	8	A. Shomanov, M. Sarsembayev, M. Mansurova, A. Zhunussova, G. Rakhimzhanov.
6.	Өкпенің созылмалы обструктивті ауруы белгілерінің машиналық диагностикасы үшін өкпенің кт кескінін өңдеу жүйесін жасау.	Печатные	IX International Scientific and Practical Conference “Computer Science and Applied Mathematics” (CSAM 2024), dedicated to the 90th anniversary of Al-Farabi Kazakh National University, Materials of the Conference, Almaty, October 31 – November 1, 2024, pp. 419–428. https://conf.iict.kz/wp-content/uploads/2025/01/collection_CSAM_IX_2024.pdf	10	M. Mansurova, N. Essengaliyeva, A. Koshanova.

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