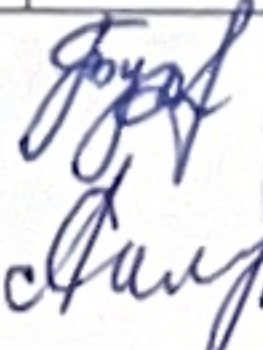
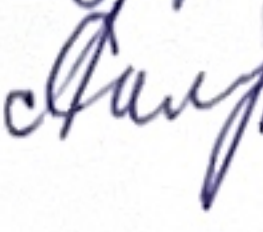
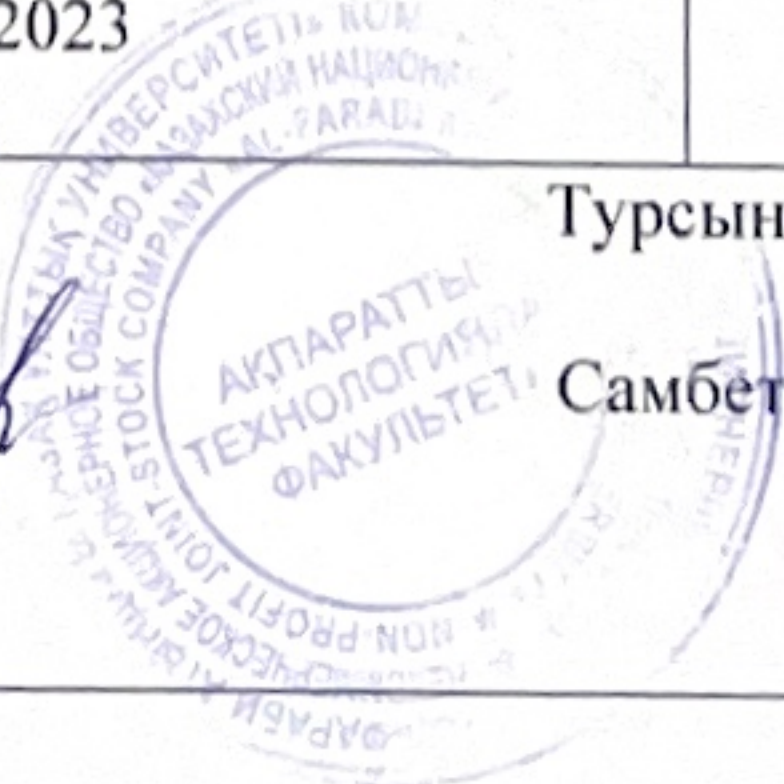


## СПИСОК НАУЧНЫХ ТРУДОВ И ИЗОБРЕТЕНИЙ

| №<br>п/п                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Название трудов                                                                                                    | Рукопись<br>или<br>печатные | Наименование издательства,<br>журнала (№, год.),<br>№ авторского<br>свидетельства                            | Кол-во<br>печатных<br>листов<br>или стр. | Фамилия<br>соавторов<br>работы                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | UNet Model for Brain Stroke Lesion Segmentation on Computed Tomography Images                                      | печатные                    | Computers, Materials & Continua, №. 3, 2022                                                                  | 17                                       | Omarov, B., A., Postolache, O., Gamry, K., Batyrbekov, A., Aldeshov, S., Azhibekova, Z., Nurtas, M., Aliyeva, A., Shiyapov, K. |
| 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Deep learning-enabled brain stroke classification on computed tomography images                                    | печатные                    | Computers, Materials & Continua, №. 1, 2023                                                                  | 16                                       | Omarov, B., Tukenova, N., Salgozha, I., Khaaval, O., Ramazanov, R., Ospanov, B.                                                |
| 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brain Stroke Lesion Segmentation Using Computed Tomography Images based on Modified U-Net Model with ResNet Blocks | печатные                    | International Journal of Online & Biomedical Engineering, №. 13, 2022                                        | 16                                       | Omarov, B., Sakhipov, A., Tukenova, N.                                                                                         |
| 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Deep Learning Enhanced Internet of Medical Things to Analyze Brain Computed Tomography Images of Stroke Patients   | печатные                    | International Journal of Advanced Computer Science and Applications, №. 8, 2023                              | 10                                       | Omarov B., Uzak M.                                                                                                             |
| 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Convolutional deep learning neural network for stroke image recognition                                            | печатные                    | Journal of Mathematics, Mechanics and Computer Science, №. 4, 2021                                           | 7                                        | Omarov, B.S., Postolache, O.A., Sakypbekova, M.Zh.                                                                             |
| 6.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Artificial Intelligence in Stroke Imaging                                                                          | печатные                    | 2021 11th International Conference on Cloud Computing, Data Science & Engineering (Confluence). – IEEE, 2021 | 5                                        | Omarov, B., Shuketayeva, K., Smagul, M.                                                                                        |
| 7.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3D U-Net for brain stroke lesion segmentation on ISLES 2018 dataset                                                | печатные                    | 2021 16th International Conference on Electronics Computer and Computation (ICECCO). – IEEE, 2021            | 4                                        | Omarov B.                                                                                                                      |
| 8.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Комплексная система диагностики инсульта на основе интернета вещей и глубокого обучения                            | печатные                    | Патент №8655 на Полезную модель, 24.11.2023                                                                  | 1                                        | Omarov, B., Sakhipov, A.                                                                                                       |
| <div style="display: flex; justify-content: space-between;"> <div> <p>Соискатель</p> <p>Ученый секретарь</p> </div> <div style="text-align: center;">    </div> <div> <p>Турсынова А. Т.</p> <p>Самбетбаева А. К.</p> </div> </div> |                                                                                                                    |                             |                                                                                                              |                                          |                                                                                                                                |