СПИСОК ПУБЛИКАЦИИ

В057 Информационные технологии
в журналах **Q1-Q2** и/или процентилем по CiteScore выше 90 (6)

№ п/п	Автор (ы)	Название статьи	Наименование издания (журнал, научные труды, интернет и др. источники)	Примечание
1	Ainur Kairanbayeva, **Gulnara Nurpeissova,** Zhumabek Zhantayev, Roman Shults, **Dina Panyukova,** Saniya Kiyalbay, Kerey Panyukov	Impact of Landscape Factors on Automobile Road Deformation Patterns—A Case Study of the Almaty Mountain Road	Sustainability **2022**, 14 (22), 15466, ISSN 2071-1050. 86%. **(Q1).** **DOI:** 10.3390/su142215466	https://doi.org/10.3390/su142215466
2	Batessova, Firuza, **Omirbay, Roza,** Sattarova, Gulmira, Zholmagambetov, Nurbek and others	Reducing industrial noise by the use of damping alloys when manufacturing mining equipment parts	*Heliyon Open Access.* Volume 9, Issue 6 June 2023. Article number e17152. ISSN 24058440. DOI 10.1016/j.heliyon.2023.e17152. (Q1)	https://pubmed.ncbi.nlm.nih.gov/37360086/
3	Alimhan, K., **Mamyrbayev, O.J.,** Abdenova, G.A., Akmetkalyeva, A.	Output tracking control for high-order nonlinear systems with time delay via output feedback design	Symmetry, **2021.** 13(4),675, 62%, **(Q2).** **DOI:** 10.3390/sym13040675	https://doi.org/10.3390/sym13040675
4	**O. Mamyrbayev,** A. Kydyrbekova, K. Alimhan, **D. Oralbekova,** B. Nuranbayeva.	Development of security systems using dnn and i & x-vector classifiers	Eastern-European Journal of Enterprise Technologies.- Technologies.- **2021.** 4/9 (112) . P.32—45. 52%, **(Q2).** **DOI:** 10.15587/1729-4061.2021.239186	https://iict.kz/ru/informacionnaya-model-i-programmnyj-instrumentarij-sistemy-avtomaticheskogo-poiska-i-analiza-mnogoyazychnogo-protivopravnogo-veb-kontenta-na-baze-ontologicheskogo-podhoda/
5	**Mamyrbayev, Orken Zh.,** Oralbekova, Dina O., Alimhan, Keylan, **Nuranbayeva, Bulbul M.**	Hybrid end-to-end model for Kazakh speech recognition.	*International Journal of Speech Technology.* Volume 26, Issue 2, Pages 261 - 270July **2023.** ISSN 13812416. DOI 10.1007/s10772-022-09983-8. **(Q1)** 47%	https://www.researchgate.net/publication/362428302_Hybrid_end-to-end_model_for_Kazakh_speech_recognition
6	Ahmed, Kanwal, Nadeem, Muhammad Imran, **Mamyrbayev, Orken,** Mostafa, Samih M. and others	Contextually Enriched Meta-Learning Ensemble Model for Urdu Sentiment Analysis	*Symmetry Open Access.* Volume 15, Issue 3. March **2023.** Article number 645. ISSN 20738994. DOI 10.3390/sym15030645 **(Q1)**	https://www.mdpi.com/2073-8994/15/3/645
7	Khairova, Nina, **Mamyrbayev, Orken,** Rizun, Nina and others	A Parallel Corpus-Based Approach to the Crime Event Extraction for Low-Resource Languages	*IEEE Access. Open Access.* Volume 11, Pages 54093 – 54111. **2023.** ISSN 21693536. DOI 10.1109/ACCESS.2023.3281680. **(Q1)**	https://ieeexplore.ieee.org/abstract/document/10139805
8	Kairanbayeva, A., Nurakynov, S., Zhantayev, Z., ... Talgarbayeva, D., Kudaibergenov, M., **Nurpeissova, G.**	Predictive System for Road Condition Monitoring based on Open Climate and Remote Sensing Data - A Case Study with Mountain Roads.	Engineered Science, 2024, 28, 1081. ISSN 2576988X. DOI 10.30919/es1081. 98% **(Q1).** CiteScore 14.9.	https://www.espublisher.com/journals/articledetails/1081/
9	**G., Nurpeissova, Gulnara,** A.B., Kairanbayeva, A. B., S.M., Nurakynov, Serik M., D.V., Panyukova, Dina V., K., Panyukov, Kerey	Development of an intelligent geographic information system for mountain roads monitoring Ground data collection and analysis.	International Journal of Innovative Research and Scientific Studies, 2025. Vol. 8 No. 1 (2025). Cite Score 2.1. 69% **(Q2).** DOI:10.53894/ijirss.v8i1.3582.	https://ijirss.com/index.php/ijirss/article/view/3582
10	G., Nurpeissova, Gulnara, A.B., Kairanbayeva, A. B., S.M., Nurakynov, Serik M., **D.V., Panyukova, Dina V.,** K., Panyukov, Kerey	Development of an intelligent geographic information system for mountain roads monitoring Ground data collection and analysis.	International Journal of Innovative Research and Scientific Studies, 2025. Vol. 8 No. 1 (2025). Cite Score 2.1. 69% **(Q2).** DOI:10.53894/ijirss.v8i1.3582.	https://ijirss.com/index.php/ijirss/article/view/3582

№	Автор (ы)	Название статьи	Наименование издания	Примечание
11	Ainur Kairanbayeva, Serik Nurakynov, Zhumabek Zhantayev, Marat Nurtas, Gulnara Nurpeissova, **Dina Panyukova**, Andrey Mitkov, Dinara Talgarbayeva and Muratbek Kudaibergenov.	Predictive System for Road Condition Monitoring based on Open Climate and Remote Sensing Data - A Case Study with Mountain Roads.	Engineered Science, 2024, 28, 1081. ISSN 2576988X. DOI 10.30919/es1081. 98% (**Q1**). CiteScore 14.9.	https://www.espublisher.com/journals/articledetails/1081/
12	**N., Toktassynova, Nigina**, H., Fourati, Hassen, B.A., Suleimenov, Batyrbek A.	Application of grey system theory to phosphorite sinter process: From modeling to control.	Asian Journal of Control, 2021. Cite Score 4.8. 90% (Q1).	https://doi.org/10.1002/asjc.2348
13	Bekarystankyzy, A., **Mamyrbayev, O.,** Mendes, M., Fazylzhanova, A., Assam, M.	Multilingual end-to-end ASR for low-resource Turkic languages with common alphabets	Scientific Reports, 2024, 14(1), 13835. DOI: 10.1038/s41598-024-64848-1. 92% (Q1). CiteScore 7.5.	https://pubmed.ncbi.nlm.nih.gov/38879705/
14	Jabbar, A., Assam, M., Arslan, M., ... Indira, S., Alkahtan, H.K. **Mamyrbayev, O.**	Image-to-image translation based face photo de-meshing using GANs	Computer Vision and Image Understanding, 2024, 247, 104080. 79% (Q2) CiteScore 7.8.	https://doi.org/10.1016/j.cviu.2024.104080
15	Bekarystankyzy, A., **Mamyrbayev, O.,** Anarbekova, T.	Integrated End-to-End Automatic Speech Recognition for Languages for Agglutinative Languages	ACM Transactions on Asian and Low-Resource Language Information Processing, 2024, 23(6), 79. 59% (Q2). CiteScore 3.5.	https://doi.org/10.1145/366356
16	Narejo, K.R., Zan, H., Oralbekova, D., ... **Mamyrbayev, O.,** Mukhsina, K.	Enhancing Emoji-Based Sentiment Classification in Urdu Tweets: Fusion Strategies with Multilingual BERT and Emoji Embeddings	IEEE Access, 2024. 92% (Q1). CiteScore 9.8. DOI:10.1109/ACCESS.2024.3446897	https://www.researchgate.net/publication/383289310_Enhancing_Emoji-Based_Sentiment_Classification_in_Urdu_Tweets_Fusion_Strategies_with_Multilingual_BERT_and_Emoji_Embeddings
17	**Mamyrbayev, O.,** Jamil, R., Dong, M., Rashid, J., ... Pernebaykyzy, Z.S., Ragytovna, M.K.	High Accuracy Microcalcifications Detection of Breast Cancer Using Wiener LTI Tophat Model	IEEE Access, 2024. 92% (Q1). CiteScore 9.8. DOI:10.1109/ACCESS.2024.3439397	https://www.researchgate.net/publication/382923359_High_Accuracy_Microcalcifications_Detection_of_Breast_Cancer_Using_Wiener_LTI_Tophat_Model
18	Mira Serikkyzy, Gulzira Jumabekova, Ainur Zheldybayeva, Ainur Matibayeva, Desislav Balev, **Omirbay R.S.**	Improving the organoleptic and structural-chemical properties of semi-smoked sausages	Saudi Journal of Biological Sciences Volume 29, Issue 3, March **2022**, Pages 1510-1514. Cite Score 9.3. 93% (Q1)	https://doi.org/10.1016/j.sjbs.2021.11.021 https://www.sciencedirect.com/science/article/pii/S1319562X21009876

B057 Информационные технологии
в журналах Q3-Q4 и/или процентилем по CiteScore выше 50 (10)

№ п/п	Автор (ы)	Название статьи	Наименование издания (журнал, научные труды, нтернет и др. источники)	Примечание
1	Kairanbayeva, A., Zhantayev, Zh., **Nurpeissova, G., Panyukova, D.,** Kiyalbayev, A.	LANDSLIDE PROCESSES' IMPACT ON AUTOMOBILE ROAD CHARACTERISTICS	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM. 2022, 22(2.1), pp. 241–248. 13% (**Q4**) DOI:10.5593/sgem2022/2.1/s09.30	https://www.proquest.com/openview/ed9cd2220edec74529a2b15227ad548a/1?pq-origsite=gscholar&cbl=1536338
2	Zhantayev, Z., Talgarbayeva, D., Kairanbayeva, A., **Panyukova, D.,** Turekulova, K.	COMPLEX PROCESSING OF EARTH REMOTE SENSING DATA FOR PREDICTION OF LANDSLIDE PROCESSES ON ROADS IN MOUNTAIN AREA	News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences. 2022, 2022(3), pp. 181–197. 41% (**Q3**) DOI:10.32014/2022.2518-170X.189	https://www.researchgate.net/publication/361313486_COMPLEX_PROCESSING_OF_EARTH_REMOTE_SENSING_DATA_FOR_PREDICTION_OF_LANDSLIDE_PROCESSES_ON_ROA

				DS_IN_MOUNTAIN_AREA
3	Kukharchuk, V.V., Pavlov, S.V., Katsyv, **Mamyrbaev, O.,** Kalabayeva, A.	Transient analysis in 1st order electrical circuits in violation of commutation laws	Przeglad Elektrotechniczny. **2021** (9), c. 26-29, 37%, **(Q3)** **DOI:** 10.15199/48.2021.09.05	http://pe.org.pl/articles/2021/9/5.pdf
4	Khairova, N., Kolesnyk, A., **Mamyrbayev, O.,** Ybytayeva, G., Lytvynenko, Y.	Automatic multilingual ontology generation based on texts focused on criminal topic	CEUR Workshop Proceedings. 2870, c. 108-117, **2021**, 29%, **(Q3).** **DOI:** 10.15587/1729-4061.2021.239186	https://doi.org/10.15587/1729-4061.2021.239186
5	Shayakhmetova, A., Litvinenko, N., **Mamyrbayev, O.,** Wójcik, W., Zhamangarin, D.	Cycles in bayesian networks	International Journal of Electronics and Telecommunications. 26%. 67(2), c. 181-186, **2021**, 43, **(Q3).** **DOI:** 0.32014/2020.2518-1726.73	http://psjd.icm.edu.pl/psjd/element/bwmeta1.element.oai-journals-pan-pl-118883/c/oai-journals-pan-pl-118883_full-text_26_3233_Shayakhmetova_sk_new.pdf-1
6	Ybytayeva, Galiya, **Mamyrbayev, Orken,** Khairova, Nina and others	Creating a Thesaurus "Crime-Related Web Content" Based on a Multilingual Corpus	*CEUR Workshop Proceedings.* Volume 3396, Pages 77 – 87. 2023. 7th International Conference on Computational Linguistics and Intelligent Systems. Volume II: Computational Linguistics Workshop, CoLInS 2023. Kharkiv. 20 April 2023 through 21 April **2023.** Code 188784. ISSN 16130073. **(Q4)**	https://ceur-ws.org/Vol-3396/paper6.pdf
7	Tolegen, Gulmira, Toleu, Alymzhan, **Mamyrbayev, Orken,** Mussabayev, Rustam	Neural Named Entity Recognition for Kazakh	*Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) Open Access.* Volume 13452 LNCS, Pages 3 – 15. **2023.** 20th International Conference on Computational Linguistics and Intelligent Text Processing, CICLing 2019 La Rochelle 7 April 2019 through 13 April 2019. Code 291019. ISBN 978-303124339-4. DOI 10.1007/978-3-031-24340-0_1. **(Q4)**	https://dl.acm.org/doi/proceedings/10.1007/978-3-031-24340-0
8	Nadeem, Muhammad Imran, Ahmed, Kanwal, **Mamyrbayev, Orken,** Mostafa, Samih M. and others	EFND: A Semantic, Visual, and Socially Augmented Deep Framework for Extreme Fake News Detection	*Sustainability (Switzerland) Open Access.* Volume 15, Issue 1 January 2023. Article number 133. ISSN 20711050. DOI 10.3390/su15010133. **(Q4)**	https://www.mdpi.com/2071-1050/15/1/133
9	**Oralbekova, D., Mamyrbayev, O.,** Othman, M., Alimhan, K., NinaKhairova, Zhunussova, A.	Difficulties Developing a Children's Speech Recognition System for Language with Limited Training Data.	Nguyen, N.T., et al. Advances in Computational Collective Intelligence. ICCCI 2023. Communications in Computer and Information Science, vol 1864. Springer, Cham. 34% **(Q3)**	https://doi.org/10.1007/978-3-031-41774-0_33
10	Bekarystankyzy, A., **Mamyrbayev, O.,** Mendes, M., ...Zhumazhanov, B., Fazylzhanova, A.	Automatic Speech Recognition Improvement for Kazakh Language with Enhanced Language Model	*Communications in Computer and Information Science.*, 2023, 1863 CCIS, pages 538–545. 34% **(Q3)**	https://doi.org/10.1007/978-3-031-42430-4_44
11	Sladkowski, A., Shiryayeva, O. **Dina Panyukova.**	Roadside infrastructure unit as an autonomous small-sized smart grid. "Holonic" approach.	November 2020IOP Conference Series Materials Science and Engineering 972(1):012022 DOI:10.1088/1757-899X/972/1/012022. Cite Score 1.8. 42% **(Q3).**	https://iopscience.iop.org/article/10.1088/1757-899X/972/1/012022/meta
12	Oralbekova, D., **Mamyrbayev, O.,** Kassymova, D., Othman, M.	Current advances and algorithmic solutions in speech generation	*Vibroengineering Procedia*, 2024, 54, pp. 160–166. 38% **(Q3).** CiteScore 0.8. DOI:10.21595/vp.2024.23940	https://www.extrica.com/article/23940
13	**Mamyrbayev, O.,** Aitkazina, A., Oralbekova, D., Daulbayev, S., Zhumazhan, N.	Infrared Laser Irradiation for Pre-sowing Seed Treatment: Advancing Germination and Crop Productivity	*Mechanisms and Machine Science*, 2024, 167 MMS, pp. 430–436. 15% **(Q4).** CiteScore 0.7.	https://doi.org/10.1007/978-3-031-67569-0_49

14	**Mamyrbayev, O.,** Kurmetkan, T., Oralbekova, D., Zhumazhan, N.	A Study of Kazakh Speech Recognition in Hiformer Model	*Communications in Computer and Information Science*, 2024, 2145 CCIS, pp. 330–340. 39% (Q3). CiteScore 1.1	https://doi.org/10.1007/978-981-97-5934-7_28
15	**Mamyrbayev, O.,** Pavlov, S., Karas, O., ... Momynzhanova, K., Zhumagulova, S.	Increasing the reliability of diagnosis of diabetic retinopathy based on machine learning	*Eastern-European Journal of Enterprise Technologies*, 2024, 2(9(128)), pp. 17–26. 46% (Q3). CiteScore 2.0.	https://doi.org/10.15587/1729-4061.2024.297849
16	**Mamyrbayev, O.,** Kaimov, S., Kaiym, T., Kaimov, A., ... Kalimoldayev, M., Karymsakov, U.	An Innovative Technology for Overloading Microshoots in the in Vitro	*Lecture Notes in Civil Engineering*, 2024, 374, pp. 1–14. 14% (Q4). CiteScore 0.8.	https://doi.org/10.1007/978-981-99-4229-9_1

Clarivate Analytics

1	**Panyukova D.V., Nurpeissova, G.,** Kairanbayeva A.V., Panyukov K.V.	Smart grids with GIS technology.	«Известия НАН РК. Серия физика-математическая». №3 (331). Май - Июнь 2020. С. 135-141. doi.org/10.32014/2020.2518-1726.46	
2	Kairanbayeva A.V., **Panyukova D.V., Nurpeissova, G.,** Turekulova K.A.	Intellectual forecasting of landslides.	«Известия НАН РК. Серия физика-математическая». №3 (331). Май - Июнь 2020. С. 127-134. doi.org/10.32014/2020.2518-1726.45	
3	Zhantayev Zh, Kairanbayeva A., Kiyalbayev A., **Panyukova D. Nurpeissova, G.**	Data collection for intellectual forecasting: metthods and results	«Известия НАН РК. Серия физика-математическая». №4 (338). Июль-август, 2021, С. 66-75. doi.org/10.32014/2021.2518-1726.72	

B057 Информационные технологии
Сведения об учебниках и учебных пособиях, изданных ППС

№	Автор(ы)	Название учебника/учебного пособия	Объем (стр.)
1	Нурпеисова Г.Б., Нурпеисова Т.Б., Панюкова Д.В., Кайдаш И.Н.	Цифрлы маркетинг. Цифровой маркетинг. Алматы. Бастау, **2020** г.	360
2	Нурпеисова Г.Б., Нурпеисова Т.Б., Панюкова Д.В., Кайдаш И.Н.	Көлік саласындағы цифрлік логистика. Цифровая логистика на транспорте. Алматы. Бастау, **2020** г.	432
3	Нурпеисова Г.Б., Нурпеисова Т.Б., Панюкова Д.В., Кайдаш И.Н.	Разработка мобильных приложений. Алматы. Бастау, **2020** г.	324
4	Нурпеисова Г.Б., Нурпеисова Т.Б., Панюкова Д.В., Кайдаш И.Н.	Мобильді қосымшаларды әзірлеу. Mobile app devolopment. 1 том. Алматы. Бастау, **2021** г	304
5	Нурпеисова Г.Б., Нурпеисова Т.Б., Панюкова Д.В., Кайдаш И.Н.	Мобильді қосымшаларды әзірлеу. Mobile app devolopment. 2 том. Алматы. Бастау, **2021** г	344
6	Нурпеисова Г.Б.	Жол инфрақұрылымын цифрлы басқару. Алматы. КазАДИ им. Л.Б. Гончарова, **2021** г	139
7	Нурпеисова Т.Б., Панюкова Д.В., Панюков К.В.	Прикладная робототехника. Алматы. Бастау, **2021** г.	227
8	Арын А.Б.	Адам-машинаның әрекеттесуі. Алматы: Эверо, **2024** ж, - 132 бет.	132
9	Өмірбай Р.С.	Тіршілік және өндіріс қауіпсіздігі: есептер жинағы. Алматы: АТУ, **2019**. 141 б.	141
10	Өмірбай Р.С., Муратова С.К., Аршидинова М.Т., Омирзакова Э.Ж., Музаппарова А.Б.	Өндірістегі экологиялық құжаттар: Учебное пособие. – Алматы: Эверо, **2023** ж, - 152 бет.	152
11	Өмірбай Р.С., Муратова С.К., Аршидинова М.Т., Омирзакова Э.Ж., Музаппарова А.Б.	Тіршілік әрекетінің қауіпсіздік ақпараттық жүйесі: Учебное пособие. – Алматы: Эверо, **2023** ж, - 132 бет.	132

12	Өмірбай Р.С., Муратова С.К., Аршидинова М.Т., Омирзакова Э.Ж., Музаппарова А.Б.	Потенциалды қауіпті технология. – Алматы: Эверо, **2023** ж, - 112 бет.	112
13	Өмірбай Р.С., Муратова С.К., Аршидинова М.Т., Омирзакова Э.Ж., Музаппарова А.Б.	Тіршілік және еңбек қауіпсіздігі. – Алматы: Эверо, **2023** ж, - 172	172
14	Өмірбай Р.С., Муратова С.К., Аршидинова М.Т., Омирзакова Э.Ж., Музаппарова А.Б.	Еңбек гигиенасы бойынша тәжірибелік сабақтарға арналған ситуациялық тапсырмалар жинағы. – Алматы: Эверо, **2024** ж, - 124	124
15	Мамырбаев О.Ж. и др	Методы и модели автоматического распознавания речи. Учебник. Алматы, ИИВТ, КН МОН РК, **2020** г	125
16	Мамырбаев О.Ж. и др	Современные технологии обработки текстовых данных на базе пакета NLTK Python. Учебное пособие. Харьков, ООО «В деле», **2020** г	134
17	Мамырбаев О.Ж. и др	Автоматическое распознавание речи. Учебник. Алматы, ИИВТ КН МОН РК, **2020** г, ISBN 978-601-7440-26-8	104

B057 Информационные технологии
Сведения о монографиях, изданных ППС

№	Автор(ы)	Название монографии	Объем (стр.)
1	Мамырбаев О.Ж. и др	Некоторые аспекты технологии идентификации криминально значимой информации в многоязычных текстовых массивах. ҚР БҒМ ҒК Ақпараттық және есептеуіш технологиялар институты, ISBN 978-601-332-917-8, **2020**	92
2	Мамырбаев Ө.Ж.	Қазақ ауызекі сөйлеуін автоматты өңдеу. ҚР БҒМ ҒК, Ақпараттық және есептеуіш технологиялар институты, **2020** ж, ISBN 978-601-332-517-0	103
3	Мамырбаев О.Ж. и др	Байесовские сети. Теория и практика. ИИВТ, КН МОН РК, **2020** г, ISBN 978-601-332-888-1	197

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Декан Института инженерии Нурпеисова Г.Б.

Проректор по науке и стратегическому развитию Куатбаев А.К.